

**BIJLAGE IV**

Rekenresultaten nulalternatief

Rekenresultaten  
nulalternatief BEC

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op alle ontvangerpunten  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.  | Omschrijving                   | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   |
|------|--------------------------------|--------|------|-------|-------|--------|------|
| 1_A  | Vlaardingen West (ZIP 6)       | 5.0    | 30.4 | 26.6  | 25.9  | 35.9   | 33.4 |
| 2_A  | Hoogvliet Oost (ZIP 12)        | 5.0    | 18.9 | 16.1  | 15.4  | 25.4   | 21.7 |
| 3_A  | Spijkenisse West (ZIP 16)      | 5.0    | 23.0 | 20.6  | 20.2  | 30.2   | 26.3 |
| 4_A  | Heenvliet Midden (ZIP 18)      | 5.0    | 28.1 | 26.3  | 25.9  | 35.9   | 30.5 |
| 5_A  | Zwartewaal Haven (ZIP 19)      | 5.0    | 28.3 | 26.7  | 26.4  | 36.4   | 30.6 |
| 6_A  | Rozenburg Oost (ZIP 20)        | 5.0    | 39.8 | 38.0  | 37.8  | 47.8   | 42.6 |
| 7_A  | Rozenburg Midden (ZIP 21)      | 5.0    | 28.0 | 24.0  | 23.4  | 33.4   | 31.2 |
| 8_A  | AVR-VIP1-hoek Gerbrwg na spoor | 10.0   | 51.0 | 45.5  | 44.0  | 54.0   | 53.2 |
| 9_A  | AVR-VIP2-Oeverbospad Maassluis | 10.0   | 42.5 | 40.4  | 40.2  | 50.2   | 45.2 |
| 10_A | AVR-VIP3-Botlekstraat          | 10.0   | 48.2 | 46.5  | 46.0  | 56.0   | 49.9 |

Alle getoonde dB-waarden zijn A-gewogen

Geluidbijdrage per groep  
nulalternatief BEC

Model: SI2 Import 21-02-2006 - MVG06DD7.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 6\_A - Rozenburg Oost (ZIP 20)  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   |
|---------|-----------------------------|--------|------|-------|-------|--------|------|
| Groep   | ASI-2                       |        | 26.0 | 25.1  | 25.0  | 35.0   | 27.4 |
| Groep   | EHA                         |        | 30.2 | 26.4  | 26.4  | 36.4   | 32.1 |
| Groep   | Energiecentrale             |        | 28.3 | 28.0  | 28.0  | 38.0   | 29.6 |
| Groep   | Houtverwerking              |        | 27.5 | 15.6  | 2.4   | 27.5   | 31.7 |
| Groep   | Huisvuilbunkers             |        | 26.4 | 25.6  | 18.3  | 30.6   | 28.2 |
| Groep   | Koelwaterpompgebouw         |        | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 |
| Groep   | MED's                       |        | 26.4 | 26.4  | 26.4  | 36.4   | 26.4 |
| Groep   | Overig                      |        | 24.4 | 23.0  | 23.0  | 33.0   | 36.2 |
| Groep   | Rookgasreiniging            |        | 26.1 | 23.0  | 23.0  | 33.0   | 28.9 |
| Groep   | Roosterovens                |        | 13.9 | 13.9  | 14.1  | 24.1   | 19.9 |
| Groep   | RVI                         |        | 29.9 | --    | --    | 29.9   | 31.6 |
| Groep   | Scheepsbeladingsinstallatie |        | 26.3 | --    | --    | 26.3   | 26.3 |
| Groep   | Slakkenafvoer               |        | 13.9 | 13.9  | 13.9  | 23.9   | 31.7 |
| Groep   | Slakkentransport            |        | -4.8 | -4.8  | -4.8  | 5.2    | -4.8 |
| Groep   | Tankenpark                  |        | 25.1 | --    | --    | 25.1   | 25.1 |
| Groep   | Waterdistributiegebouw      |        | 11.2 | 11.2  | 11.2  | 21.2   | 11.2 |
| Groep   | WWI                         |        | 35.5 | 35.5  | 35.5  | 45.5   | 35.5 |
| Totalen |                             |        | 39.8 | 38.0  | 37.8  | 47.8   | 42.6 |

Alle getoonde dB-waarden zijn A-gewogen

Geluidbijdrage per groep  
nulalternatief BEC

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 8\_A - AVR-VIP1-hoek Gerbrwg na spoor  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   |
|---------|-----------------------------|--------|------|-------|-------|--------|------|
| Groep   | ASI-2                       |        | 41.6 | 40.5  | 40.4  | 50.4   | 43.8 |
| Groep   | EHA                         |        | 39.7 | 36.3  | 36.3  | 46.3   | 41.5 |
| Groep   | Energiecentrale             |        | 23.9 | 23.6  | 23.6  | 33.6   | 25.2 |
| Groep   | Houtverwerking              |        | 33.1 | 29.4  | 26.2  | 36.2   | 40.1 |
| Groep   | Huisvuilbunkers             |        | 44.5 | 41.3  | 35.0  | 46.3   | 47.3 |
| Groep   | Koelwaterpompegebouw        |        | 24.4 | 24.4  | 24.4  | 34.4   | 24.4 |
| Groep   | MED's                       |        | 34.6 | 34.6  | 34.6  | 44.6   | 34.6 |
| Groep   | Overig                      |        | 26.5 | 16.3  | 16.3  | 26.5   | 34.1 |
| Groep   | Rookgasreiniging            |        | 29.9 | 29.9  | 29.9  | 39.9   | 30.1 |
| Groep   | Roosterovens                |        | 20.3 | 20.3  | 21.0  | 31.0   | 30.5 |
| Groep   | RVI                         |        | 48.0 | --    | --    | 48.0   | 49.5 |
| Groep   | Scheepsbeladingsinstallatie |        | 35.0 | --    | --    | 35.0   | 35.0 |
| Groep   | Slakkenafvoer               |        | 19.9 | 19.9  | 19.9  | 29.9   | 37.7 |
| Groep   | Slakcentransport            |        | 18.3 | 18.3  | 18.3  | 28.3   | 18.3 |
| Groep   | Tankenpark                  |        | 8.9  | --    | --    | 8.9    | 8.9  |
| Groep   | Waterdistributiegebouw      |        | 13.3 | 13.3  | 13.3  | 23.3   | 13.3 |
| Groep   | WWI                         |        | 31.5 | 31.5  | 31.5  | 41.5   | 31.5 |
| Totalen |                             |        | 51.0 | 45.5  | 44.0  | 54.0   | 53.2 |

Alle getoonde dB-waarden zijn A-gewogen



Geluidbijdrage per groep  
nulalternatief BEC

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 9 A - AVR-VIP2-Oeverbosped Maassluis  
Rekenmethode: Industrielawaai - IL/ Periode: Alle perioden

| Id.     | Omschrijving                | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   |
|---------|-----------------------------|--------|------|-------|-------|--------|------|
| Groep   | ASI-2                       |        | 31.5 | 29.7  | 29.7  | 39.7   | 34.0 |
| Groep   | EHA                         |        | 29.0 | 26.9  | 26.9  | 36.9   | 29.9 |
| Groep   | Energiecentrale             |        | 28.6 | 28.5  | 28.5  | 38.5   | 29.2 |
| Groep   | Houtverwerking              |        | 16.1 | 6.7   | -0.7  | 16.1   | 21.3 |
| Groep   | Huisvuilbunkers             |        | 29.7 | 26.4  | 19.5  | 31.4   | 33.4 |
| Groep   | Koelwaterpompgebouw         |        | 23.4 | 23.4  | 23.4  | 33.4   | 23.4 |
| Groep   | MED's                       |        | 27.8 | 27.8  | 27.8  | 37.8   | 27.8 |
| Groep   | Overig                      |        | 25.5 | 18.7  | 18.7  | 28.7   | 39.4 |
| Groep   | Rookgasreiniging            |        | 32.4 | 31.6  | 31.6  | 41.6   | 33.4 |
| Groep   | Roosterovens                |        | 15.8 | 15.8  | 16.5  | 26.5   | 26.5 |
| Groep   | RVI                         |        | 36.6 | --    | --    | 36.6   | 38.0 |
| Groep   | Scheepsbeladingsinstallatie |        | 16.7 | --    | --    | 16.7   | 16.7 |
| Groep   | Slakkenafvoer               |        | 14.2 | 14.2  | 14.2  | 24.2   | 32.0 |
| Groep   | Slakcentransport            |        | 12.6 | 12.6  | 12.6  | 22.6   | 12.6 |
| Groep   | Tankenpark                  |        | 27.8 | --    | --    | 27.8   | 27.8 |
| Groep   | Waterdistributiegebouw      |        | 16.6 | 16.6  | 16.6  | 26.6   | 16.6 |
| Groep   | WWI                         |        | 37.7 | 37.7  | 37.7  | 47.7   | 37.7 |
| Totalen |                             |        | 42.5 | 40.4  | 40.2  | 50.2   | 45.2 |

Alle getoonde dB-waarden zijn A-gewogen

Geluidbijdrage per groep  
nulaalternatief BEC

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 10\_A - AVR-VIP3-Botlekstraat  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   |
|---------|-----------------------------|--------|------|-------|-------|--------|------|
| Groep   | ASI-2                       |        | 38.3 | 37.2  | 36.9  | 46.9   | 41.0 |
| Groep   | EHA                         |        | 36.0 | 30.7  | 30.7  | 40.7   | 38.1 |
| Groep   | Energiecentrale             |        | 26.2 | 25.6  | 25.6  | 35.6   | 28.2 |
| Groep   | Houtverwerking              |        | 35.3 | 27.0  | 22.6  | 35.3   | 39.0 |
| Groep   | Huisvuilbunkers             |        | 41.0 | 37.8  | 31.4  | 42.8   | 43.4 |
| Groep   | Koelwaterpompegebouw        |        | 1.3  | 1.3   | 1.3   | 11.3   | 1.3  |
| Groep   | MED's                       |        | 32.5 | 32.5  | 32.5  | 42.5   | 32.5 |
| Groep   | Overig                      |        | 29.0 | 28.6  | 28.6  | 38.6   | 35.6 |
| Groep   | Rookgasreiniging            |        | 21.9 | 20.3  | 20.3  | 30.3   | 23.6 |
| Groep   | Roosterovens                |        | 15.6 | 15.6  | 15.9  | 25.9   | 22.2 |
| Groep   | RVI                         |        | 36.8 | --    | --    | 36.8   | 37.9 |
| Groep   | Scheepsbeladingsinstallatie |        | 34.5 | --    | --    | 34.5   | 34.5 |
| Groep   | Slakkenafvoer               |        | 19.1 | 19.1  | 19.1  | 29.1   | 36.9 |
| Groep   | Slakcentransport            |        | -0.7 | -0.7  | -0.7  | 9.3    | -0.7 |
| Groep   | Tankenpark                  |        | 22.7 | --    | --    | 22.7   | 22.7 |
| Groep   | Waterdistributiegebouw      |        | 6.0  | 6.0   | 6.0   | 16.0   | 6.0  |
| Groep   | WWI                         |        | 44.6 | 44.6  | 44.6  | 54.6   | 44.6 |
| Totalen |                             |        | 48.2 | 46.5  | 46.0  | 56.0   | 49.9 |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

dagperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 6\_A - Rozenburg Oost (ZIP 20)  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 283     | Shovel HVN                       | 1.5    | 26.7 | --    | --    | 26.7   | 26.7 | 0.0 |
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 26.5 | 26.5  | 26.5  | 36.5   | 26.5 | 0.0 |
| 047     | storten in stortkoker            | 5.0    | 25.5 | --    | --    | 25.5   | 25.5 | 0.0 |
| 178     | Inc. 1e verd. westgevel 1        | 5.2    | 25.2 | 25.2  | 25.2  | 35.2   | 25.2 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 25.1 | 24.8  | 17.1  | 29.8   | 26.1 | 0.0 |
| 208     | Inc. 2e verd. westgevel 1        | 11.7   | 25.1 | 25.1  | 25.1  | 35.1   | 25.1 | 0.0 |
| 379     | vrachtwagens rijden              | 9.8    | 24.8 | --    | --    | 24.8   | 26.3 | 0.0 |
| 040     | pompen tankpark                  | 4.0    | 24.5 | --    | --    | 24.5   | 24.5 | 0.0 |
| 122     | zeefdek slaktransport            | 2.0    | 23.7 | --    | --    | 23.7   | 23.7 | 0.0 |
| 036     | afzuigstelsel RGR-gebouw         | 4.0    | 23.3 | --    | --    | 23.3   | 27.1 | 0.0 |
| 141     | schoorsteenop                    | 10.0   | 23.1 | --    | --    | 23.1   | 23.1 | 0.0 |
| 199     | Inc. 3e verd. westgevel 1        | 16.8   | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 22.3 | 22.3  | 22.3  | 32.3   | 22.3 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 22.3 | 22.3  | 22.3  | 32.3   | 22.3 | 0.0 |
| 132     | pompen pomplaten (12)            | 0.5    | 22.2 | 22.2  | 22.2  | 32.2   | 22.2 | 0.0 |
| 170     | Inc. beneden noordgevel 2        | 4.0    | 21.5 | 21.5  | 21.5  | 31.5   | 21.5 | 0.0 |
| 023     | zeeftrammel uitstr. westgevel    | 4.0    | 21.4 | --    | --    | 21.4   | 21.4 | 0.0 |
| 195     | Inc. 4e verd. oostgevel 1        | 21.7   | 20.8 | 20.8  | 20.8  | 30.8   | 20.8 | 0.0 |
| 200     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 20.8 | 20.8  | 20.8  | 30.8   | 20.8 | 0.0 |
| 209     | Inc. boven noordgevel 1          | 14.7   | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 | 0.0 |
| 128     | opening geb. slakkenverwerking   | 3.0    | 20.7 | --    | --    | 20.7   | 20.7 | 0.0 |
| 201     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 20.6 | 20.6  | 20.6  | 30.6   | 20.6 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 20.5 | 20.5  | 20.5  | 30.5   | 20.5 | 0.0 |
| 198     | Inc. 4e verd. westgevel 1        | 21.7   | 20.3 | 20.3  | 20.3  | 30.3   | 20.3 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp.   | 2.0    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 291     | uitblaaspijp dak                 | 2.4    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 377     | vrachtwagens rijden              | 0.8    | 20.0 | --    | --    | 20.0   | 21.5 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 386     | leegstorten vrachtwagen          | 1.0    | 19.9 | --    | --    | 19.9   | 25.9 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 007     | energiecentr. ventil. op dak     | 3.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 267     | energiecentr. ventil. op dak     | 3.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 266     | energiecentr. ventil. op dak     | 3.0    | 18.8 | 18.8  | 18.8  | 28.8   | 18.8 | 0.0 |
| 194     | Inc. 3e verd. oostgevel 1        | 16.8   | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 376     | vrachtwagens rijden              | 0.8    | 18.5 | --    | --    | 18.5   | 20.0 | 0.0 |
| 177     | Inc. beneden zuidgevel 3         | 4.0    | 18.4 | 18.4  | 18.4  | 28.4   | 18.4 | 0.0 |
| 292     | uitlaat injecteur MED2           | 13.7   | 17.8 | 17.8  | 17.8  | 27.8   | 17.8 | 0.0 |
| 196     | Inc. 4e verd. noordgevel 1       | 21.7   | 17.8 | 17.8  | 17.8  | 27.8   | 17.8 | 0.0 |
| 046     | motor bij stortkoker             | 1.0    | 17.7 | --    | --    | 17.7   | 17.7 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 17.7 | 17.7  | 17.7  | 27.7   | 17.7 | 0.0 |
| 263     | energiecentr. ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 110     | Kraan Case Poclain houtopslag    | 1.5    | 17.3 | 14.3  | --    | 19.3   | 23.3 | 0.0 |
| 020     | RGR- uitstr. dak totaal          | 0.1    | 17.2 | 17.2  | 17.2  | 27.2   | 17.2 | 0.0 |
| 167     | Inc. beneden westgevel 2         | 2.0    | 17.2 | 17.2  | 17.2  | 27.2   | 17.2 | 0.0 |
| 071     | roosters centrale                | 1.0    | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 197     | Inc. 4e verd. noordgevel 2       | 21.7   | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 16.9 | 16.9  | 16.9  | 26.9   | 16.9 | 0.0 |
| 143     | MED2 boven vlak 7                | 11.9   | 16.8 | 16.8  | 16.8  | 26.8   | 16.8 | 0.0 |
| 334     | vrachtverkeer ASI II route G     | 1.5    | 16.6 | 7.2   | 6.3   | 16.6   | 18.7 | 0.0 |
| 079     | koelwaterput (afblazen/inject)   | 1.0    | 16.6 | --    | --    | 16.6   | 24.4 | 0.0 |
|         | Rest                             |        | 34.1 | 33.1  | 33.0  | 43.0   | 39.7 |     |
| Totalen |                                  |        | 39.8 | 38.0  | 37.8  | 47.8   | 42.6 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulalternatief BEC

dagperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 8 A - AVR-VIPI1-hoek Gerbrwg na spoor  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                   | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|--------------------------------|--------|------|-------|-------|--------|------|-----|
| 124     | ventilator omkast              | 2.0    | 41.1 | --    | --    | 41.1   | 41.1 | 0.0 |
| 118     | trommel RVI                    | 4.0    | 39.0 | --    | --    | 39.0   | 39.0 | 0.0 |
| 119     | overstort RVI                  | 5.0    | 38.6 | --    | --    | 38.6   | 38.6 | 0.0 |
| 042     | lossen avr-container in bunker | 12.7   | 38.2 | 31.2  | 23.4  | 38.2   | 38.2 | 0.0 |
| 122     | zeefdek slakcentransport       | 2.0    | 37.7 | --    | --    | 37.7   | 37.7 | 0.0 |
| 043     | lossen DAF3300 in bunker       | 12.7   | 36.8 | 29.8  | 22.0  | 36.8   | 36.8 | 0.0 |
| 141     | schoorsteentop                 | 10.0   | 36.4 | --    | --    | 36.4   | 36.4 | 0.0 |
| 125     | open poort RVI                 | 2.0    | 36.3 | --    | --    | 36.3   | 36.3 | 0.0 |
| 022     | zeeftrommel uitstr. oostgevel  | 4.0    | 35.4 | --    | --    | 35.4   | 35.4 | 0.0 |
| 047     | storten in stortkoker          | 5.0    | 34.7 | --    | --    | 34.7   | 34.7 | 0.0 |
| 127     | opening geb. slakkenverwerking | 3.0    | 34.7 | --    | --    | 34.7   | 34.7 | 0.0 |
| 048     | shovel Volvo BM slakken        | 1.5    | 34.6 | --    | --    | 34.6   | 36.4 | 0.0 |
| 049     | shovel Volvo L120C huisvuil    | 1.5    | 34.5 | 33.3  | 24.3  | 38.3   | 36.3 | 0.0 |
| 377     | vrachtwagens rijden            | 0.8    | 34.4 | --    | --    | 34.4   | 35.9 | 0.0 |
| 114     | Shovel Case 821 bij slakken    | 1.5    | 34.4 | --    | --    | 34.4   | 37.4 | 0.0 |
| 126     | tp-band zerdirator             | 4.0    | 34.3 | --    | --    | 34.3   | 34.3 | 0.0 |
| 139     | shovel Volvo L120C huisvuil    | 1.5    | 34.0 | 32.8  | 23.8  | 37.8   | 35.8 | 0.0 |
| 051     | DAF terminaltrekker            | 0.8    | 33.3 | 32.0  | 29.0  | 39.0   | 36.3 | 0.0 |
| 050     | verwisselen container          | 1.5    | 32.9 | --    | --    | 32.9   | 43.7 | 0.0 |
| 052     | DAF terminaltrekker            | 0.8    | 32.8 | 31.6  | 28.6  | 38.6   | 35.8 | 0.0 |
| 056     | vrachtwagens stortbordes       | 1.5    | 32.2 | 28.0  | 21.0  | 33.0   | 36.4 | 0.0 |
| 057     | vrachtwagens stortbordes       | 1.5    | 32.1 | 27.9  | 20.9  | 32.9   | 36.3 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.  | 2.0    | 32.1 | 31.9  | 24.1  | 36.9   | 33.1 | 0.0 |
| 335     | vrachtverkeer ASI II route H   | 1.5    | 31.7 | 24.4  | 23.3  | 33.3   | 37.1 | 0.0 |
| 376     | vrachtwagens rijden            | 0.8    | 31.6 | --    | --    | 31.6   | 33.1 | 0.0 |
| 496     | opslag dak                     | 0.1    | 31.1 | 31.1  | 31.1  | 41.1   | 31.1 | 0.0 |
| 274     | Shovel ASI-2                   | 1.5    | 31.0 | 29.1  | 26.1  | 36.1   | 36.4 | 0.0 |
| 495     | opslag dak                     | 0.1    | 30.8 | 30.8  | 30.8  | 40.8   | 30.8 | 0.0 |
| 494     | opslag dak                     | 0.1    | 30.7 | 30.7  | 30.7  | 40.7   | 30.7 | 0.0 |
| 038     | uitvoer slakken oostzijde      | 3.0    | 30.2 | --    | --    | 30.2   | 30.2 | 0.0 |
| 059     | vrachtwagens stortbordes       | 1.5    | 29.6 | 25.4  | 18.4  | 30.4   | 33.8 | 0.0 |
| 123     | storten in container           | 2.0    | 29.3 | --    | --    | 29.3   | 29.3 | 0.0 |
| 493     | opslag dak                     | 0.1    | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 031     | dak zerdiratorgebouw           | 0.1    | 28.5 | --    | --    | 28.5   | 28.5 | 0.0 |
| 058     | vrachtwagens stortbordes       | 1.5    | 28.4 | 24.2  | 17.2  | 29.2   | 32.6 | 0.0 |
| 324     | scheiding dak                  | 0.1    | 27.9 | 27.9  | 27.9  | 37.9   | 27.9 | 0.0 |
| 363     | wanden gaswassers/zuigtrekvent | 24.0   | 27.9 | 27.9  | 27.9  | 37.9   | 27.9 | 0.0 |
| 044     | electrische overslag kraan     | 15.0   | 27.7 | 26.5  | 18.7  | 31.5   | 27.7 | 0.0 |
| 360     | Container wisselen             | 1.0    | 27.7 | --    | --    | 27.7   | 35.5 | 0.0 |
| 344     | opslag deur oostgevel          | 6.7    | 27.6 | 13.8  | 13.8  | 27.6   | 27.6 | 0.0 |
| 283     | Shovel HVN                     | 1.5    | 27.5 | --    | --    | 27.5   | 27.5 | 0.0 |
| 337     | stofafzuigventilator 1         | 6.0    | 27.1 | 27.1  | 27.1  | 37.1   | 27.1 | 0.0 |
| 317     | opslag dak                     | 0.1    | 27.1 | 27.1  | 27.1  | 37.1   | 27.1 | 0.0 |
| 347     | scheiding 1e deur noordgevel   | 3.0    | 26.9 | 13.1  | 13.1  | 26.9   | 26.9 | 0.0 |
| 323     | scheiding dak                  | 0.1    | 26.9 | 26.9  | 26.9  | 36.9   | 26.9 | 0.0 |
| 316     | opslag dak                     | 0.1    | 26.7 | 26.7  | 26.7  | 36.7   | 26.7 | 0.0 |
| 318     | opslag dak                     | 0.1    | 26.6 | 26.6  | 26.6  | 36.6   | 26.6 | 0.0 |
| 364     | wanden gaswassers/zuigtrekvent | 24.0   | 26.6 | 26.6  | 26.6  | 36.6   | 26.6 | 0.0 |
| 039     | windzifter                     | 1.5    | 26.5 | --    | --    | 26.5   | 26.5 | 0.0 |
| 325     | scheiding dak                  | 0.1    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| Rest    |                                |        | 41.8 | 40.9  | 40.8  | 50.8   | 46.5 |     |
| Totalen |                                |        | 51.0 | 45.5  | 44.0  | 54.0   | 53.2 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

dagperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 9 A - AVR-VIP2-Oeverbospad Maassluis  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 30.4 | 30.4  | 30.4  | 40.4   | 30.4 | 0.0 |
| 086     | RGR-gebouw rooster pompen wate   | 5.0    | 30.0 | 30.0  | 30.0  | 40.0   | 30.0 | 0.0 |
| 209     | Inc. boven noordgevel 1          | 14.7   | 29.9 | 29.9  | 29.9  | 39.9   | 29.9 | 0.0 |
| 048     | shovel Volvo BM slakken          | 1.5    | 29.3 | --    | --    | 29.3   | 31.1 | 0.0 |
| 040     | pompen tankpark                  | 4.0    | 27.5 | --    | --    | 27.5   | 27.5 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 26.3 | 26.3  | 26.3  | 36.3   | 26.3 | 0.0 |
| 122     | zeefdek slakcentransport         | 2.0    | 26.3 | --    | --    | 26.3   | 26.3 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 26.2 | 26.2  | 26.2  | 36.2   | 26.2 | 0.0 |
| 124     | ventilator omkast                | 2.0    | 26.2 | --    | --    | 26.2   | 26.2 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 25.9 | 25.9  | 25.9  | 35.9   | 25.9 | 0.0 |
| 141     | schoorsteentop                   | 10.0   | 25.9 | --    | --    | 25.9   | 25.9 | 0.0 |
| 118     | trommel RVI                      | 4.0    | 25.8 | --    | --    | 25.8   | 25.8 | 0.0 |
| 119     | overstort RVI                    | 5.0    | 25.5 | --    | --    | 25.5   | 25.5 | 0.0 |
| 114     | Shovel Case 821 bij slakken      | 1.5    | 24.8 | --    | --    | 24.8   | 27.8 | 0.0 |
| 036     | afzuigsysteem RGR-gebouw         | 4.0    | 24.7 | --    | --    | 24.7   | 28.5 | 0.0 |
| 195     | Inc. 4e verd. oostgevel 1        | 21.7   | 24.5 | 24.5  | 24.5  | 34.5   | 24.5 | 0.0 |
| 022     | zeeftrommel uitstr. oostgevel    | 4.0    | 24.4 | --    | --    | 24.4   | 24.4 | 0.0 |
| 334     | vrachtverkeer ASI II route G     | 1.5    | 24.2 | 14.8  | 13.9  | 24.2   | 26.3 | 0.0 |
| 125     | open poort RVI                   | 2.0    | 24.1 | --    | --    | 24.1   | 24.1 | 0.0 |
| 056     | vrachtwagens stortbordes         | 1.5    | 23.8 | 19.6  | 12.6  | 24.6   | 28.0 | 0.0 |
| 057     | vrachtwagens stortbordes         | 1.5    | 23.1 | 18.9  | 11.9  | 23.9   | 27.3 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 023     | zeeftrommel uitstr. westgevel    | 4.0    | 22.9 | --    | --    | 22.9   | 22.9 | 0.0 |
| 053     | vorkheftruck vervangende bron    | 1.5    | 22.9 | --    | --    | 22.9   | 22.9 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
| 058     | vrachtwagens stortbordes         | 1.5    | 22.8 | 18.6  | 11.6  | 23.6   | 27.0 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp.   | 2.0    | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 194     | Inc. 3e verd. oostgevel 1        | 16.8   | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 020     | RGR- uitstr. dak totaal          | 0.1    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 128     | opening geb. slakkenverwerking   | 3.0    | 21.6 | --    | --    | 21.6   | 21.6 | 0.0 |
| 170     | Inc. beneden noordgevel 2        | 4.0    | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 21.2 | 21.2  | 21.2  | 31.2   | 21.2 | 0.0 |
| 323     | scheiding dak                    | 0.1    | 21.2 | 21.2  | 21.2  | 31.2   | 21.2 | 0.0 |
| 376     | vrachtwagens rijden              | 0.8    | 21.2 | --    | --    | 21.2   | 22.7 | 0.0 |
| 322     | scheiding dak                    | 0.1    | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 20.7 | 20.4  | 12.6  | 25.4   | 21.7 | 0.0 |
| 377     | vrachtwagens rijden              | 0.8    | 20.5 | --    | --    | 20.5   | 22.0 | 0.0 |
| 126     | tp-band zerdinator               | 4.0    | 20.4 | --    | --    | 20.4   | 20.4 | 0.0 |
| 335     | vrachtverkeer ASI II route H     | 1.5    | 20.3 | 13.0  | 11.9  | 21.9   | 25.7 | 0.0 |
| 211     | Efilters onder oostzijde         | 4.0    | 20.3 | 20.3  | 20.3  | 30.3   | 20.3 | 0.0 |
| 038     | uitvoer slakken oostzijde        | 3.0    | 20.0 | --    | --    | 20.0   | 20.0 | 0.0 |
| 207     | Inc. 5e verd. oostgevel 1        | 26.5   | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 021     | RGR- noordgevel totaal           | 12.0   | 19.8 | 19.8  | 19.8  | 29.8   | 19.8 | 0.0 |
| 099     | MED2 boven vlak 2                | 11.9   | 19.8 | 19.8  | 19.8  | 29.8   | 19.8 | 0.0 |
| 263     | energiecentr: ventil. op dak     | 3.0    | 19.6 | 19.6  | 19.6  | 29.6   | 19.6 | 0.0 |
| 201     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 19.4 | 19.4  | 19.4  | 29.4   | 19.4 | 0.0 |
| 200     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 19.4 | 19.4  | 19.4  | 29.4   | 19.4 | 0.0 |
| 009     | energiecentr: ventil. op dak     | 3.0    | 19.3 | 19.3  | 19.3  | 29.3   | 19.3 | 0.0 |
| Rest    |                                  |        | 36.2 | 35.2  | 35.1  | 45.1   | 42.2 |     |
| Totalen |                                  |        | 42.5 | 40.4  | 40.2  | 50.2   | 45.2 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

dagperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 10\_A - AVR-VIP3-Botlekstraat  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 37.8 | 37.8  | 37.8  | 47.8   | 37.8 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 36.8 | 36.8  | 36.8  | 46.8   | 36.8 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 36.5 | 36.5  | 36.5  | 46.5   | 36.5 | 0.0 |
| 042     | lossen avr-container in bunker   | 12.7   | 35.7 | 28.7  | 20.9  | 35.7   | 35.7 | 0.0 |
| 047     | storten in stortkoker            | 5.0    | 34.0 | --    | --    | 34.0   | 34.0 | 0.0 |
| 283     | Shovel HVN                       | 1.5    | 34.0 | --    | --    | 34.0   | 34.0 | 0.0 |
| 043     | lossen DAF3300 in bunker         | 12.7   | 33.7 | 26.7  | 18.9  | 33.7   | 33.7 | 0.0 |
| 185     | Inc. 2e verd. zuidgevel 4        | 10.3   | 33.6 | 33.6  | 33.6  | 43.6   | 33.6 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 33.5 | 33.5  | 33.5  | 43.5   | 33.5 | 0.0 |
| 139     | shovel Volvo L120C huisvuil      | 1.5    | 31.7 | 30.5  | 21.5  | 35.5   | 33.5 | 0.0 |
| 049     | shovel Volvo L120C huisvuil      | 1.5    | 31.3 | 30.1  | 21.1  | 35.1   | 33.1 | 0.0 |
| 122     | zeefdek slakcentransport         | 2.0    | 30.6 | --    | --    | 30.6   | 30.6 | 0.0 |
| 379     | vrachtwagens rijden              | 9.8    | 30.4 | --    | --    | 30.4   | 31.9 | 0.0 |
| 312     | Shovel                           | 1.5    | 30.1 | 27.9  | 24.9  | 34.9   | 33.9 | 0.0 |
| 052     | DAF terminaltrekker              | 0.8    | 30.0 | 28.8  | 25.8  | 35.8   | 33.0 | 0.0 |
| 186     | Inc. 4e verd. oostgevel 1        | 10.3   | 29.9 | 29.9  | 29.9  | 39.9   | 29.9 | 0.0 |
| 192     | Inc. 2e verd. zuidgevel 1        | 21.7   | 29.7 | 29.7  | 29.7  | 39.7   | 29.7 | 0.0 |
| 048     | shovel Volvo BM slakken          | 1.5    | 29.6 | --    | --    | 29.6   | 31.4 | 0.0 |
| 051     | DAF terminaltrekker              | 0.8    | 29.6 | 28.3  | 25.3  | 35.3   | 32.6 | 0.0 |
| 190     | Inc. 3e verd. zuidgevel 1        | 16.8   | 29.6 | 29.6  | 29.6  | 39.6   | 29.6 | 0.0 |
| 498     | cycloon RDF opwerking Z-richting | 10.0   | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 497     | cycloon RDF opwerking Z-richting | 10.0   | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 189     | Inc. 2e verd. zuidgevel dakvlak  | 0.1    | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 28.8 | 28.5  | 20.7  | 33.5   | 29.8 | 0.0 |
| 023     | zeeftrommel uitstr. westgevel    | 4.0    | 28.7 | --    | --    | 28.7   | 28.7 | 0.0 |
| 128     | opening geb. slakkenverwerking   | 3.0    | 28.4 | --    | --    | 28.4   | 28.4 | 0.0 |
| 208     | Inc. 2e verd. westgevel 1        | 11.7   | 27.6 | 27.6  | 27.6  | 37.6   | 27.6 | 0.0 |
| 193     | Inc. 4e verd. zuidgevel 2        | 21.7   | 27.6 | 27.6  | 27.6  | 37.6   | 27.6 | 0.0 |
| 376     | vrachtwagens rijden              | 0.8    | 27.5 | --    | --    | 27.5   | 29.0 | 0.0 |
| 496     | opslag dak                       | 0.1    | 27.5 | 27.5  | 27.5  | 37.5   | 27.5 | 0.0 |
| 274     | Shovel ASI-2                     | 1.5    | 27.4 | 25.5  | 22.5  | 32.5   | 32.7 | 0.0 |
| 127     | opening geb. slakkenverwerking   | 3.0    | 27.4 | --    | --    | 27.4   | 27.4 | 0.0 |
| 191     | Inc. 3e verd. zuidgevel 2        | 16.8   | 27.2 | 27.2  | 27.2  | 37.2   | 27.2 | 0.0 |
| 386     | leegstorten vrachtwagen          | 1.0    | 27.1 | --    | --    | 27.1   | 33.1 | 0.0 |
| 378     | vrachtwagens rijden              | 0.8    | 27.1 | --    | --    | 27.1   | 28.6 | 0.0 |
| 126     | tp-band zerdirator               | 4.0    | 26.4 | --    | --    | 26.4   | 26.4 | 0.0 |
| 494     | opslag dak                       | 0.1    | 26.2 | 26.2  | 26.2  | 36.2   | 26.2 | 0.0 |
| 330     | vrachtverkeer ASI II route B     | 1.5    | 26.1 | 16.5  | 15.5  | 26.1   | 31.5 | 0.0 |
| 059     | vrachtwagens stortbordes         | 1.5    | 26.0 | 21.8  | 14.8  | 26.8   | 30.2 | 0.0 |
| 132     | pompen pompplaten (12)           | 0.5    | 25.9 | 25.9  | 25.9  | 35.9   | 25.9 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1        | 26.5   | 25.6 | 25.6  | 25.6  | 35.6   | 25.6 | 0.0 |
| 199     | Inc. 3e verd. westgevel 1        | 16.8   | 24.7 | 24.7  | 24.7  | 34.7   | 24.7 | 0.0 |
| 346     | opslag deur westgevel            | 6.7    | 24.3 | 10.5  | 10.5  | 24.3   | 24.3 | 0.0 |
| 495     | opslag dak                       | 0.1    | 24.3 | 24.3  | 24.3  | 34.3   | 24.3 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 24.2 | 24.2  | 24.2  | 34.2   | 24.2 | 0.0 |
| 203     | Inc. 5e verd. zuidgevel 2        | 26.5   | 24.1 | 24.1  | 24.1  | 34.1   | 24.1 | 0.0 |
| 058     | vrachtwagens stortbordes         | 1.5    | 23.9 | 19.7  | 12.7  | 24.7   | 28.1 | 0.0 |
| 110     | Kraan Case Poclain houtopslag    | 1.5    | 23.7 | 20.7  | --    | 25.7   | 29.7 | 0.0 |
| Rest    |                                  |        | 39.8 | 38.8  | 38.7  | 48.7   | 44.6 |     |
| Totalen |                                  |        | 48.2 | 46.5  | 46.0  | 56.0   | 49.9 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nualternatief BEC

avondperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nualternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 6\_A - Rozenburg Oost (ZIP 20)  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 26.5 | 26.5  | 26.5  | 36.5   | 26.5 | 0.0 |
| 178     | Inc. 1e verd. westgevel 1        | 5.2    | 25.2 | 25.2  | 25.2  | 35.2   | 25.2 | 0.0 |
| 208     | Inc. 2e verd. westgevel 1        | 11.7   | 25.1 | 25.1  | 25.1  | 35.1   | 25.1 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 25.1 | 24.8  | 17.1  | 29.8   | 26.1 | 0.0 |
| 199     | Inc. 3e verd. westgevel 1        | 16.8   | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 22.3 | 22.3  | 22.3  | 32.3   | 22.3 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 22.3 | 22.3  | 22.3  | 32.3   | 22.3 | 0.0 |
| 132     | pompen pompplaten (12)           | 0.5    | 22.2 | 22.2  | 22.2  | 32.2   | 22.2 | 0.0 |
| 170     | Inc. beneden noordgevel 2        | 4.0    | 21.5 | 21.5  | 21.5  | 31.5   | 21.5 | 0.0 |
| 195     | Inc. 4e verd. oostgevel 1        | 21.7   | 20.8 | 20.8  | 20.8  | 30.8   | 20.8 | 0.0 |
| 200     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 20.8 | 20.8  | 20.8  | 30.8   | 20.8 | 0.0 |
| 209     | Inc. boven noordgevel 1          | 14.7   | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 | 0.0 |
| 201     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 20.6 | 20.6  | 20.6  | 30.6   | 20.6 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 20.5 | 20.5  | 20.5  | 30.5   | 20.5 | 0.0 |
| 198     | Inc. 4e verd. westgevel 1        | 21.7   | 20.3 | 20.3  | 20.3  | 30.3   | 20.3 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp.   | 2.0    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 291     | uitblaaspijp dak                 | 2.4    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 007     | energiecentr: ventil. op dak     | 3.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 267     | energiecentr: ventil. op dak     | 3.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 266     | energiecentr: ventil. op dak     | 3.0    | 18.8 | 18.8  | 18.8  | 28.8   | 18.8 | 0.0 |
| 194     | Inc. 3e verd. oostgevel 1        | 16.8   | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 177     | Inc. beneden zuidgevel 3         | 4.0    | 18.4 | 18.4  | 18.4  | 28.4   | 18.4 | 0.0 |
| 292     | uitlaat injecteur MED2           | 13.7   | 17.8 | 17.8  | 17.8  | 27.8   | 17.8 | 0.0 |
| 196     | Inc. 4e verd. noordgevel 1       | 21.7   | 17.8 | 17.8  | 17.8  | 27.8   | 17.8 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 17.7 | 17.7  | 17.7  | 27.7   | 17.7 | 0.0 |
| 263     | energiecentr: ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 020     | RGR- uitstr. dak totaal          | 0.1    | 17.2 | 17.2  | 17.2  | 27.2   | 17.2 | 0.0 |
| 167     | Inc. beneden westgevel 2         | 2.0    | 17.2 | 17.2  | 17.2  | 27.2   | 17.2 | 0.0 |
| 071     | roosters centrale                | 1.0    | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 197     | Inc. 4e verd. noordgevel 2       | 21.7   | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 16.9 | 16.9  | 16.9  | 26.9   | 16.9 | 0.0 |
| 143     | MED2 boven vlak 7                | 11.9   | 16.8 | 16.8  | 16.8  | 26.8   | 16.8 | 0.0 |
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 16.5 | 16.5  | 16.5  | 26.5   | 16.5 | 0.0 |
| 010     | energiecentr: ventil. op dak     | 3.0    | 16.4 | 16.4  | 16.4  | 26.4   | 16.4 | 0.0 |
| 211     | Efilters onder oostzijde         | 4.0    | 16.4 | 16.4  | 16.4  | 26.4   | 16.4 | 0.0 |
| 405     | stoomleidingen derden            | 6.0    | 16.3 | 16.3  | 16.3  | 26.3   | 16.3 | 0.0 |
| 210     | Inc. boven noordgevel 2          | 14.7   | 16.3 | 16.3  | 16.3  | 26.3   | 16.3 | 0.0 |
| 382     | Stoomleidingen -> centrale       | 6.0    | 16.3 | 16.3  | 16.3  | 26.3   | 16.3 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 16.2 | 16.2  | 16.2  | 26.2   | 16.2 | 0.0 |
| 085     | RGR-gebouw rooster pompen wate   | 5.0    | 15.9 | 15.9  | 15.9  | 25.9   | 15.9 | 0.0 |
| 204     | Inc. 5e verd. westgevel 1        | 26.5   | 15.7 | 15.7  | 15.7  | 25.7   | 15.7 | 0.0 |
| 293     | ontluchting injecteur MED2       | 13.7   | 15.7 | 15.7  | 15.7  | 25.7   | 15.7 | 0.0 |
| 212     | Efilters onder westzijde 1       | 4.0    | 15.4 | 15.4  | 15.4  | 25.4   | 15.4 | 0.0 |
| 265     | energiecentr: ventil. op dak     | 3.0    | 15.3 | 15.3  | 15.3  | 25.3   | 15.3 | 0.0 |
| 207     | Inc. 5e verd. oostgevel 1        | 26.5   | 15.2 | 15.2  | 15.2  | 25.2   | 15.2 | 0.0 |
| 406     | stoomleidingen derden            | 6.0    | 15.2 | 15.2  | 15.2  | 25.2   | 15.2 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 15.2 | 15.2  | 15.2  | 25.2   | 15.2 | 0.0 |
| 009     | energiecentr: ventil. op dak     | 3.0    | 15.0 | 15.0  | 15.0  | 25.0   | 15.0 | 0.0 |
| Rest    |                                  |        | 36.8 | 31.7  | 31.5  | 41.5   | 41.1 |     |
| Totalen |                                  |        | 39.8 | 38.0  | 37.8  | 47.8   | 42.6 |     |

Alle getoonde dB-waarden zijn A-gewogen



Rangordelijsten van geluidbijdrage per bron  
nulalternatief BEC

avondperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 8\_A - AVR-VIPI1-hoek Gerbrwg na spoor  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                   | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|--------------------------------|--------|------|-------|-------|--------|------|-----|
| 049     | shovel Volvo L120C huisvuil    | 1.5    | 34.5 | 33.3  | 24.3  | 38.3   | 36.3 | 0.0 |
| 139     | shovel Volvo L120C huisvuil    | 1.5    | 34.0 | 32.8  | 23.8  | 37.8   | 35.8 | 0.0 |
| 051     | DAF terminaltrekker            | 0.8    | 33.3 | 32.0  | 29.0  | 39.0   | 36.3 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.  | 2.0    | 32.1 | 31.9  | 24.1  | 36.9   | 33.1 | 0.0 |
| 052     | DAF terminaltrekker            | 0.8    | 32.8 | 31.6  | 28.6  | 38.6   | 35.8 | 0.0 |
| 042     | lossen avr-container in bunker | 12.7   | 38.2 | 31.2  | 23.4  | 38.2   | 38.2 | 0.0 |
| 496     | opslag dak                     | 0.1    | 31.1 | 31.1  | 31.1  | 41.1   | 31.1 | 0.0 |
| 495     | opslag dak                     | 0.1    | 30.8 | 30.8  | 30.8  | 40.8   | 30.8 | 0.0 |
| 494     | opslag dak                     | 0.1    | 30.7 | 30.7  | 30.7  | 40.7   | 30.7 | 0.0 |
| 043     | lossen DAF3300 in bunker       | 12.7   | 36.8 | 29.8  | 22.0  | 36.8   | 36.8 | 0.0 |
| 274     | Shovel ASI-2                   | 1.5    | 31.0 | 29.1  | 26.1  | 36.1   | 36.4 | 0.0 |
| 493     | opslag dak                     | 0.1    | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 056     | vrachtwagens stortbordes       | 1.5    | 32.2 | 28.0  | 21.0  | 33.0   | 36.4 | 0.0 |
| 057     | vrachtwagens stortbordes       | 1.5    | 32.1 | 27.9  | 20.9  | 32.9   | 36.3 | 0.0 |
| 324     | scheiding dak                  | 0.1    | 27.9 | 27.9  | 27.9  | 37.9   | 27.9 | 0.0 |
| 363     | wanden gaswassers/zuigtrekvent | 24.0   | 27.9 | 27.9  | 27.9  | 37.9   | 27.9 | 0.0 |
| 337     | stofafzuigventilator 1         | 6.0    | 27.1 | 27.1  | 27.1  | 37.1   | 27.1 | 0.0 |
| 317     | opslag dak                     | 0.1    | 27.1 | 27.1  | 27.1  | 37.1   | 27.1 | 0.0 |
| 323     | scheiding dak                  | 0.1    | 26.9 | 26.9  | 26.9  | 36.9   | 26.9 | 0.0 |
| 316     | opslag dak                     | 0.1    | 26.7 | 26.7  | 26.7  | 36.7   | 26.7 | 0.0 |
| 318     | opslag dak                     | 0.1    | 26.6 | 26.6  | 26.6  | 36.6   | 26.6 | 0.0 |
| 364     | wanden gaswassers/zuigtrekvent | 24.0   | 26.6 | 26.6  | 26.6  | 36.6   | 26.6 | 0.0 |
| 044     | electrische overslag kraan     | 15.0   | 27.7 | 26.5  | 18.7  | 31.5   | 27.7 | 0.0 |
| 325     | scheiding dak                  | 0.1    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| 319     | opslag dak                     | 0.1    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| 342     | stofafzuigventilator 6         | 6.0    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1      | 26.5   | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 322     | scheiding dak                  | 0.1    | 25.7 | 25.7  | 25.7  | 35.7   | 25.7 | 0.0 |
| 338     | stofafzuigventilator 2         | 6.0    | 25.6 | 25.6  | 25.6  | 35.6   | 25.6 | 0.0 |
| 146     | MED2 beneden vlak 3            | 3.3    | 25.5 | 25.5  | 25.5  | 35.5   | 25.5 | 0.0 |
| 059     | vrachtwagens stortbordes       | 1.5    | 29.6 | 25.4  | 18.4  | 30.4   | 33.8 | 0.0 |
| 211     | Efilters onder oostzijde       | 4.0    | 25.2 | 25.2  | 25.2  | 35.2   | 25.2 | 0.0 |
| 099     | MED2 boven vlak 2              | 11.9   | 25.0 | 25.0  | 25.0  | 35.0   | 25.0 | 0.0 |
| 339     | stofafzuigventilator 3         | 6.0    | 24.9 | 24.9  | 24.9  | 34.9   | 24.9 | 0.0 |
| 381     | uitstr wanden ovenruimte zuid  | 37.0   | 24.7 | 24.7  | 24.7  | 34.7   | 24.7 | 0.0 |
| 335     | vrachtverkeer ASI II route H   | 1.5    | 31.7 | 24.4  | 23.3  | 33.3   | 37.1 | 0.0 |
| 151     | MED2 beneden vlak 8            | 0.1    | 24.4 | 24.4  | 24.4  | 34.4   | 24.4 | 0.0 |
| 058     | vrachtwagens stortbordes       | 1.5    | 28.4 | 24.2  | 17.2  | 29.2   | 32.6 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp. | 2.0    | 23.9 | 23.9  | 23.9  | 33.9   | 23.9 | 0.0 |
| 203     | Inc. 5e verd. zuidgevel 2      | 26.5   | 23.8 | 23.8  | 23.8  | 33.8   | 23.8 | 0.0 |
| 086     | RGR-gebouw rooster pompen wate | 5.0    | 23.8 | 23.8  | 23.8  | 33.8   | 23.8 | 0.0 |
| 340     | stofafzuigventilator 4         | 6.0    | 23.7 | 23.7  | 23.7  | 33.7   | 23.7 | 0.0 |
| 368     | Schoorsteen 1 top              | 80.0   | 23.6 | 23.6  | 23.6  | 33.6   | 23.6 | 0.0 |
| 369     | Schoorsteen 2 top              | 80.0   | 23.6 | 23.6  | 23.6  | 33.6   | 23.6 | 0.0 |
| 341     | stofafzuigventilator 5         | 6.0    | 23.4 | 23.4  | 23.4  | 33.4   | 23.4 | 0.0 |
| 160     | MED1 beneden vlak 8            | 0.1    | 23.2 | 23.2  | 23.2  | 33.2   | 23.2 | 0.0 |
| 366     | wanden doekenfilter zuid       | 24.0   | 23.2 | 23.2  | 23.2  | 33.2   | 23.2 | 0.0 |
| 145     | MED2 beneden vlak 2            | 3.3    | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 404     | stoomleidingen derden          | 6.0    | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
| 380     | uitstr wanden E-filter zuid    | 37.0   | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
|         | Rest                           |        | 49.1 | 37.7  | 37.6  | 49.1   | 51.5 |     |
| Totalen |                                |        | 51.0 | 45.5  | 44.0  | 54.0   | 53.2 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

avondperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 9\_A - AVR-VIP2-Oeverbospad Maassluis  
Rekenmethode: Industrielawaai ~ IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 30.4 | 30.4  | 30.4  | 40.4   | 30.4 | 0.0 |
| 086     | RGR-gebouw rooster pompen wate   | 5.0    | 30.0 | 30.0  | 30.0  | 40.0   | 30.0 | 0.0 |
| 209     | Inc. boven noordgevel 1          | 14.7   | 29.9 | 29.9  | 29.9  | 39.9   | 29.9 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 26.3 | 26.3  | 26.3  | 36.3   | 26.3 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 26.2 | 26.2  | 26.2  | 36.2   | 26.2 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 25.9 | 25.9  | 25.9  | 35.9   | 25.9 | 0.0 |
| 195     | Inc. 4e verd. oostgevel 1        | 21.7   | 24.5 | 24.5  | 24.5  | 34.5   | 24.5 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp.   | 2.0    | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 194     | Inc. 3e verd. oostgevel 1        | 16.8   | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 020     | RGR- uitstr. dak totaal          | 0.1    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 170     | Inc. beneden noordgevel 2        | 4.0    | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 21.2 | 21.2  | 21.2  | 31.2   | 21.2 | 0.0 |
| 323     | scheiding dak                    | 0.1    | 21.2 | 21.2  | 21.2  | 31.2   | 21.2 | 0.0 |
| 322     | scheiding dak                    | 0.1    | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 20.7 | 20.4  | 12.6  | 25.4   | 21.7 | 0.0 |
| 211     | Efilters onder oostzijde         | 4.0    | 20.3 | 20.3  | 20.3  | 30.3   | 20.3 | 0.0 |
| 207     | Inc. 5e verd. oostgevel 1        | 26.5   | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 021     | RGR- noordgevel totaal           | 12.0   | 19.8 | 19.8  | 19.8  | 29.8   | 19.8 | 0.0 |
| 099     | MED2 boven vlak 2                | 11.9   | 19.8 | 19.8  | 19.8  | 29.8   | 19.8 | 0.0 |
| 263     | energiecentr: ventil. op dak     | 3.0    | 19.6 | 19.6  | 19.6  | 29.6   | 19.6 | 0.0 |
| 056     | vrachtwagens stortbordes         | 1.5    | 23.8 | 19.6  | 12.6  | 24.6   | 28.0 | 0.0 |
| 201     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 19.4 | 19.4  | 19.4  | 29.4   | 19.4 | 0.0 |
| 200     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 19.4 | 19.4  | 19.4  | 29.4   | 19.4 | 0.0 |
| 009     | energiecentr: ventil. op dak     | 3.0    | 19.3 | 19.3  | 19.3  | 29.3   | 19.3 | 0.0 |
| 175     | Inc. beneden zuidgevel 1         | 4.0    | 19.3 | 19.3  | 19.3  | 29.3   | 19.3 | 0.0 |
| 267     | energiecentr: ventil. op dak     | 3.0    | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 007     | energiecentr: ventil. op dak     | 3.0    | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 291     | uitblaaspijp dak                 | 2.4    | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 19.1 | 19.1  | 19.1  | 29.1   | 19.1 | 0.0 |
| 325     | scheiding dak                    | 0.1    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 057     | vrachtwagens stortbordes         | 1.5    | 23.1 | 18.9  | 11.9  | 23.9   | 27.3 | 0.0 |
| 292     | uitlaat injecteur MED2           | 13.7   | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 058     | vrachtwagens stortbordes         | 1.5    | 22.8 | 18.6  | 11.6  | 23.6   | 27.0 | 0.0 |
| 160     | MED1 beneden vlak 8              | 0.1    | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 010     | energiecentr: ventil. op dak     | 3.0    | 18.5 | 18.5  | 18.5  | 28.5   | 18.5 | 0.0 |
| 189     | Inc. 2e verd. zuidgevel dakvlak  | 0.1    | 18.4 | 18.4  | 18.4  | 28.4   | 18.4 | 0.0 |
| 032     | schoorstenen 7                   | 80.0   | 18.0 | 18.0  | 18.0  | 28.0   | 18.0 | 0.0 |
| 266     | energiecentr: ventil. op dak     | 3.0    | 17.9 | 17.9  | 17.9  | 27.9   | 17.9 | 0.0 |
| 406     | stoomleidingen derden            | 6.0    | 17.9 | 17.9  | 17.9  | 27.9   | 17.9 | 0.0 |
| 265     | energiecentr: ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 143     | MED2 boven vlak 7                | 11.9   | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 264     | energiecentr: ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1        | 26.5   | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 405     | stoomleidingen derden            | 6.0    | 17.0 | 17.0  | 17.0  | 27.0   | 17.0 | 0.0 |
| 496     | opslag dak                       | 0.1    | 16.9 | 16.9  | 16.9  | 26.9   | 16.9 | 0.0 |
| Rest    |                                  |        | 39.4 | 33.1  | 33.0  | 43.0   | 43.6 |     |
| Totalen |                                  |        | 42.5 | 40.4  | 40.2  | 50.2   | 45.2 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

avondperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 10\_A - AVR-VIP3-Botlekstraat  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 37.8 | 37.8  | 37.8  | 47.8   | 37.8 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 36.8 | 36.8  | 36.8  | 46.8   | 36.8 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 36.5 | 36.5  | 36.5  | 46.5   | 36.5 | 0.0 |
| 185     | Inc. 2e verd. zuidgevel 4        | 10.3   | 33.6 | 33.6  | 33.6  | 43.6   | 33.6 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 33.5 | 33.5  | 33.5  | 43.5   | 33.5 | 0.0 |
| 139     | shovel Volvo L120C huisvuil      | 1.5    | 31.7 | 30.5  | 21.5  | 35.5   | 33.5 | 0.0 |
| 049     | shovel Volvo L120C huisvuil      | 1.5    | 31.3 | 30.1  | 21.1  | 35.1   | 33.1 | 0.0 |
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 29.9 | 29.9  | 29.9  | 39.9   | 29.9 | 0.0 |
| 192     | Inc. 4e verd. zuidgevel 1        | 21.7   | 29.7 | 29.7  | 29.7  | 39.7   | 29.7 | 0.0 |
| 190     | Inc. 3e verd. zuidgevel 1        | 16.8   | 29.6 | 29.6  | 29.6  | 39.6   | 29.6 | 0.0 |
| 498     | cycloon RDF opwerking Z-richting | 10.0   | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 497     | cycloon RDF opwerking Z-richting | 10.0   | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 189     | Inc. 2e verd. zuidgevel dakvlak  | 0.1    | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 052     | DAF terminaltrekker              | 0.8    | 30.0 | 28.8  | 25.8  | 35.8   | 33.0 | 0.0 |
| 042     | lossen avr-container in bunker   | 12.7   | 35.7 | 28.7  | 20.9  | 35.7   | 35.7 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 28.8 | 28.5  | 20.7  | 33.5   | 29.8 | 0.0 |
| 051     | DAF terminaltrekker              | 0.8    | 29.6 | 28.3  | 25.3  | 35.3   | 32.6 | 0.0 |
| 312     | Shovel                           | 1.5    | 30.1 | 27.9  | 24.9  | 34.9   | 33.9 | 0.0 |
| 208     | Inc. 2e verd. westgevel 1        | 11.7   | 27.6 | 27.6  | 27.6  | 37.6   | 27.6 | 0.0 |
| 193     | Inc. 4e verd. zuidgevel 2        | 21.7   | 27.6 | 27.6  | 27.6  | 37.6   | 27.6 | 0.0 |
| 496     | opslag dak                       | 0.1    | 27.5 | 27.5  | 27.5  | 37.5   | 27.5 | 0.0 |
| 191     | Inc. 3e verd. zuidgevel 2        | 16.8   | 27.2 | 27.2  | 27.2  | 37.2   | 27.2 | 0.0 |
| 043     | lossen DAF3300 in bunker         | 12.7   | 33.7 | 26.7  | 18.9  | 33.7   | 33.7 | 0.0 |
| 494     | opslag dak                       | 0.1    | 26.2 | 26.2  | 26.2  | 36.2   | 26.2 | 0.0 |
| 132     | pompen pomplaten (12)            | 0.5    | 25.9 | 25.9  | 25.9  | 35.9   | 25.9 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1        | 26.5   | 25.6 | 25.6  | 25.6  | 35.6   | 25.6 | 0.0 |
| 274     | Shovel ASI-2                     | 1.5    | 27.4 | 25.5  | 22.5  | 32.5   | 32.7 | 0.0 |
| 199     | Inc. 3e verd. westgevel 1        | 16.8   | 24.7 | 24.7  | 24.7  | 34.7   | 24.7 | 0.0 |
| 495     | opslag dak                       | 0.1    | 24.3 | 24.3  | 24.3  | 34.3   | 24.3 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 24.2 | 24.2  | 24.2  | 34.2   | 24.2 | 0.0 |
| 203     | Inc. 5e verd. zuidgevel 2        | 26.5   | 24.1 | 24.1  | 24.1  | 34.1   | 24.1 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 23.4 | 23.4  | 23.4  | 33.4   | 23.4 | 0.0 |
| 493     | opslag dak                       | 0.1    | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 198     | Inc. 4e verd. westgevel 1        | 21.7   | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 164     | Instrumentatie luchtleiding      | 3.5    | 22.7 | 22.7  | 22.7  | 32.7   | 22.7 | 0.0 |
| 153     | MED1 beneden vlak 5              | 3.3    | 22.7 | 22.7  | 22.7  | 32.7   | 22.7 | 0.0 |
| 322     | scheiding dak                    | 0.1    | 22.6 | 22.6  | 22.6  | 32.6   | 22.6 | 0.0 |
| 179     | Inc. 1e verd. zuidgevel 1        | 5.2    | 22.6 | 22.6  | 22.6  | 32.6   | 22.6 | 0.0 |
| 316     | opslag dak                       | 0.1    | 22.1 | 22.1  | 22.1  | 32.1   | 22.1 | 0.0 |
| 317     | opslag dak                       | 0.1    | 22.0 | 22.0  | 22.0  | 32.0   | 22.0 | 0.0 |
| 160     | MED1 beneden vlak 8              | 0.1    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 404     | stoomleidingen derden            | 6.0    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 319     | opslag dak                       | 0.1    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 325     | scheiding dak                    | 0.1    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 059     | vrachtwagens stortbordes         | 1.5    | 26.0 | 21.8  | 14.8  | 26.8   | 30.2 | 0.0 |
| 151     | MED2 beneden vlak 8              | 0.1    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 176     | Inc. beneden zuidgevel 2         | 4.0    | 21.7 | 21.7  | 21.7  | 31.7   | 21.7 | 0.0 |
| Rest    |                                  |        | 43.0 | 37.1  | 36.7  | 46.7   | 46.5 |     |
| Totalen |                                  |        | 48.2 | 46.5  | 46.0  | 56.0   | 49.9 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulalternatief BEC

nachtperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 6 A - Rozenburg Oost (ZIP 20)  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 26.5 | 26.5  | 26.5  | 36.5   | 26.5 | 0.0 |
| 178     | Inc. 1e verd. westgevel 1        | 5.2    | 25.2 | 25.2  | 25.2  | 35.2   | 25.2 | 0.0 |
| 208     | Inc. 2e verd. westgevel 1        | 11.7   | 25.1 | 25.1  | 25.1  | 35.1   | 25.1 | 0.0 |
| 199     | Inc. 3e verd. westgevel 1        | 16.8   | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 22.3 | 22.3  | 22.3  | 32.3   | 22.3 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 22.3 | 22.3  | 22.3  | 32.3   | 22.3 | 0.0 |
| 132     | pompen pomplaten (12)            | 0.5    | 22.2 | 22.2  | 22.2  | 32.2   | 22.2 | 0.0 |
| 170     | Inc. beneden noordgevel 2        | 4.0    | 21.5 | 21.5  | 21.5  | 31.5   | 21.5 | 0.0 |
| 195     | Inc. 4e verd. oostgevel 1        | 21.7   | 20.8 | 20.8  | 20.8  | 30.8   | 20.8 | 0.0 |
| 200     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 20.8 | 20.8  | 20.8  | 30.8   | 20.8 | 0.0 |
| 209     | Inc. boven noordgevel 1          | 14.7   | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 | 0.0 |
| 201     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 20.6 | 20.6  | 20.6  | 30.6   | 20.6 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 20.5 | 20.5  | 20.5  | 30.5   | 20.5 | 0.0 |
| 198     | Inc. 4e verd. westgevel 1        | 21.7   | 20.3 | 20.3  | 20.3  | 30.3   | 20.3 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp.   | 2.0    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 291     | uitblaaspijp dak                 | 2.4    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 007     | energiecentr: ventil. op dak     | 3.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 267     | energiecentr: ventil. op dak     | 3.0    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 266     | energiecentr: ventil. op dak     | 3.0    | 18.8 | 18.8  | 18.8  | 28.8   | 18.8 | 0.0 |
| 194     | Inc. 3e verd. oostgevel 1        | 16.8   | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 177     | Inc. beneden zuidgevel 3         | 4.0    | 18.4 | 18.4  | 18.4  | 28.4   | 18.4 | 0.0 |
| 292     | uitlaat injecteur MED2           | 13.7   | 17.8 | 17.8  | 17.8  | 27.8   | 17.8 | 0.0 |
| 196     | Inc. 4e verd. noordgevel 1       | 21.7   | 17.8 | 17.8  | 17.8  | 27.8   | 17.8 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 17.7 | 17.7  | 17.7  | 27.7   | 17.7 | 0.0 |
| 263     | energiecentr: ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 020     | RGR- uitstr. dak totaal          | 0.1    | 17.2 | 17.2  | 17.2  | 27.2   | 17.2 | 0.0 |
| 167     | Inc. beneden westgevel 2         | 2.0    | 17.2 | 17.2  | 17.2  | 27.2   | 17.2 | 0.0 |
| 071     | roosters centrale                | 1.0    | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.    | 2.0    | 25.1 | 24.8  | 17.1  | 29.8   | 26.1 | 0.0 |
| 197     | Inc. 4e verd. noordgevel 2       | 21.7   | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 16.9 | 16.9  | 16.9  | 26.9   | 16.9 | 0.0 |
| 143     | MED2 boven vlak 7                | 11.9   | 16.8 | 16.8  | 16.8  | 26.8   | 16.8 | 0.0 |
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 16.5 | 16.5  | 16.5  | 26.5   | 16.5 | 0.0 |
| 010     | energiecentr: ventil. op dak     | 3.0    | 16.4 | 16.4  | 16.4  | 26.4   | 16.4 | 0.0 |
| 211     | Efilters onder oostzijde         | 4.0    | 16.4 | 16.4  | 16.4  | 26.4   | 16.4 | 0.0 |
| 405     | stoomleidingen derden            | 6.0    | 16.3 | 16.3  | 16.3  | 26.3   | 16.3 | 0.0 |
| 210     | Inc. boven noordgevel 2          | 14.7   | 16.3 | 16.3  | 16.3  | 26.3   | 16.3 | 0.0 |
| 382     | Stoomleidingen -> centrale       | 6.0    | 16.3 | 16.3  | 16.3  | 26.3   | 16.3 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 16.2 | 16.2  | 16.2  | 26.2   | 16.2 | 0.0 |
| 085     | RGR-gebouw rooster pompen wate   | 5.0    | 15.9 | 15.9  | 15.9  | 25.9   | 15.9 | 0.0 |
| 204     | Inc. 5e verd. westgevel 1        | 26.5   | 15.7 | 15.7  | 15.7  | 25.7   | 15.7 | 0.0 |
| 293     | ontluchting injecteur MED2       | 13.7   | 15.7 | 15.7  | 15.7  | 25.7   | 15.7 | 0.0 |
| 212     | Efilters onder westzijde 1       | 4.0    | 15.4 | 15.4  | 15.4  | 25.4   | 15.4 | 0.0 |
| 265     | energiecentr: ventil. op dak     | 3.0    | 15.3 | 15.3  | 15.3  | 25.3   | 15.3 | 0.0 |
| 207     | Inc. 5e verd. oostgevel 1        | 26.5   | 15.2 | 15.2  | 15.2  | 25.2   | 15.2 | 0.0 |
| 406     | stoomleidingen derden            | 6.0    | 15.2 | 15.2  | 15.2  | 25.2   | 15.2 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 15.2 | 15.2  | 15.2  | 25.2   | 15.2 | 0.0 |
| 009     | energiecentr: ventil. op dak     | 3.0    | 15.0 | 15.0  | 15.0  | 25.0   | 15.0 | 0.0 |
| Rest    |                                  |        | 36.8 | 31.7  | 31.5  | 41.5   | 41.1 |     |
| Totalen |                                  |        | 39.8 | 38.0  | 37.8  | 47.8   | 42.6 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

nachtperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 8 A - AVR-VIPI1-hoek Gerbrwg na spoor  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                   | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|--------------------------------|--------|------|-------|-------|--------|------|-----|
| 496     | opslag dak                     | 0.1    | 31.1 | 31.1  | 31.1  | 41.1   | 31.1 | 0.0 |
| 495     | opslag dak                     | 0.1    | 30.8 | 30.8  | 30.8  | 40.8   | 30.8 | 0.0 |
| 494     | opslag dak                     | 0.1    | 30.7 | 30.7  | 30.7  | 40.7   | 30.7 | 0.0 |
| 051     | DAF terminaltrekker            | 0.8    | 33.3 | 32.0  | 29.0  | 39.0   | 36.3 | 0.0 |
| 493     | opslag dak                     | 0.1    | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 052     | DAF terminaltrekker            | 0.8    | 32.8 | 31.6  | 28.6  | 38.6   | 35.8 | 0.0 |
| 324     | scheiding dak                  | 0.1    | 27.9 | 27.9  | 27.9  | 37.9   | 27.9 | 0.0 |
| 363     | wanden gaswassers/zuigtrekvent | 24.0   | 27.9 | 27.9  | 27.9  | 37.9   | 27.9 | 0.0 |
| 337     | stofafzuigventilator 1         | 6.0    | 27.1 | 27.1  | 27.1  | 37.1   | 27.1 | 0.0 |
| 317     | opslag dak                     | 0.1    | 27.1 | 27.1  | 27.1  | 37.1   | 27.1 | 0.0 |
| 323     | scheiding dak                  | 0.1    | 26.9 | 26.9  | 26.9  | 36.9   | 26.9 | 0.0 |
| 316     | opslag dak                     | 0.1    | 26.7 | 26.7  | 26.7  | 36.7   | 26.7 | 0.0 |
| 318     | opslag dak                     | 0.1    | 26.6 | 26.6  | 26.6  | 36.6   | 26.6 | 0.0 |
| 364     | wanden gaswassers/zuigtrekvent | 24.0   | 26.6 | 26.6  | 26.6  | 36.6   | 26.6 | 0.0 |
| 274     | Shovel ASI-2                   | 1.5    | 31.0 | 29.1  | 26.1  | 36.1   | 36.4 | 0.0 |
| 325     | scheiding dak                  | 0.1    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| 319     | opslag dak                     | 0.1    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| 342     | stofafzuigventilator 6         | 6.0    | 26.1 | 26.1  | 26.1  | 36.1   | 26.1 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1      | 26.5   | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 322     | scheiding dak                  | 0.1    | 25.7 | 25.7  | 25.7  | 35.7   | 25.7 | 0.0 |
| 338     | stofafzuigventilator 2         | 6.0    | 25.6 | 25.6  | 25.6  | 35.6   | 25.6 | 0.0 |
| 146     | MED2 beneden vlak 3            | 3.3    | 25.5 | 25.5  | 25.5  | 35.5   | 25.5 | 0.0 |
| 211     | Efilters onder oostzijde       | 4.0    | 25.2 | 25.2  | 25.2  | 35.2   | 25.2 | 0.0 |
| 099     | MED2 boven vlak 2              | 11.9   | 25.0 | 25.0  | 25.0  | 35.0   | 25.0 | 0.0 |
| 339     | stofafzuigventilator 3         | 6.0    | 24.9 | 24.9  | 24.9  | 34.9   | 24.9 | 0.0 |
| 381     | uitstr wanden ovenruimte zuid  | 37.0   | 24.7 | 24.7  | 24.7  | 34.7   | 24.7 | 0.0 |
| 151     | MED2 beneden vlak 8            | 0.1    | 24.4 | 24.4  | 24.4  | 34.4   | 24.4 | 0.0 |
| 049     | shovel Volvo L120C huisvuil    | 1.5    | 34.5 | 33.3  | 24.3  | 38.3   | 36.3 | 0.0 |
| 140     | aanvoer afval m.b.v. vrachtw.  | 2.0    | 32.1 | 31.9  | 24.1  | 36.9   | 33.1 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp. | 2.0    | 23.9 | 23.9  | 23.9  | 33.9   | 23.9 | 0.0 |
| 203     | Inc. 5e verd. zuidgevel 2      | 26.5   | 23.8 | 23.8  | 23.8  | 33.8   | 23.8 | 0.0 |
| 086     | RGR-gebouw rooster pompen wate | 5.0    | 23.8 | 23.8  | 23.8  | 33.8   | 23.8 | 0.0 |
| 139     | shovel Volvo L120C huisvuil    | 1.5    | 34.0 | 32.8  | 23.8  | 37.8   | 35.8 | 0.0 |
| 340     | stofafzuigventilator 4         | 6.0    | 23.7 | 23.7  | 23.7  | 33.7   | 23.7 | 0.0 |
| 368     | Schoorsteen 1 top              | 80.0   | 23.6 | 23.6  | 23.6  | 33.6   | 23.6 | 0.0 |
| 369     | Schoorsteen 2 top              | 80.0   | 23.6 | 23.6  | 23.6  | 33.6   | 23.6 | 0.0 |
| 042     | lossen avr-container in bunker | 12.7   | 38.2 | 31.2  | 23.4  | 38.2   | 38.2 | 0.0 |
| 341     | stofafzuigventilator 5         | 6.0    | 23.4 | 23.4  | 23.4  | 33.4   | 23.4 | 0.0 |
| 335     | vrachtverkeer ASI II route H   | 1.5    | 31.7 | 24.4  | 23.3  | 33.3   | 37.1 | 0.0 |
| 160     | MED1 beneden vlak 8            | 0.1    | 23.2 | 23.2  | 23.2  | 33.2   | 23.2 | 0.0 |
| 366     | wanden doekenfilter zuid       | 24.0   | 23.2 | 23.2  | 23.2  | 33.2   | 23.2 | 0.0 |
| 145     | MED2 beneden vlak 2            | 3.3    | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 404     | stoomleidingen derden          | 6.0    | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
| 380     | uitstr wanden E-filter zuid    | 37.0   | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
| 402     | stoomleidingen derden          | 6.0    | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 115     | MED1 boven vlak 2              | 11.9   | 22.6 | 22.6  | 22.6  | 32.6   | 22.6 | 0.0 |
| 153     | MED1 beneden vlak 5            | 3.3    | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 395     | uitlaat RGR                    | 1.0    | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 375     | uitstr wanden E-filter oost    | 49.0   | 22.4 | 22.4  | 22.4  | 32.4   | 22.4 | 0.0 |
| 403     | stoomleidingen derden          | 6.0    | 22.2 | 22.2  | 22.2  | 32.2   | 22.2 | 0.0 |
| Rest    |                                |        | 49.5 | 39.0  | 37.2  | 49.5   | 52.0 |     |
| Totalen |                                |        | 51.0 | 45.5  | 44.0  | 54.0   | 53.2 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulalternatief BEC

nachtperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 9\_A - AVR-VIP2-Oeverbospad Maassluis  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 30.4 | 30.4  | 30.4  | 40.4   | 30.4 | 0.0 |
| 086     | RGR-gebouw rooster pompen wate   | 5.0    | 30.0 | 30.0  | 30.0  | 40.0   | 30.0 | 0.0 |
| 209     | Inc. boven noordgevel 1          | 14.7   | 29.9 | 29.9  | 29.9  | 39.9   | 29.9 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 26.3 | 26.3  | 26.3  | 36.3   | 26.3 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 26.2 | 26.2  | 26.2  | 36.2   | 26.2 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 25.9 | 25.9  | 25.9  | 35.9   | 25.9 | 0.0 |
| 195     | Inc. 4e verd. oostgevel 1        | 21.7   | 24.5 | 24.5  | 24.5  | 34.5   | 24.5 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 22.9 | 22.9  | 22.9  | 32.9   | 22.9 | 0.0 |
| 135     | 3 luchtkoelvent. rivierwaterp.   | 2.0    | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 194     | Inc. 3e verd. oostgevel 1        | 16.8   | 22.5 | 22.5  | 22.5  | 32.5   | 22.5 | 0.0 |
| 020     | RGR- uitstr. dak totaal          | 0.1    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 170     | Inc. beneden noordgevel 2        | 4.0    | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 21.2 | 21.2  | 21.2  | 31.2   | 21.2 | 0.0 |
| 323     | scheiding dak                    | 0.1    | 21.2 | 21.2  | 21.2  | 31.2   | 21.2 | 0.0 |
| 322     | scheiding dak                    | 0.1    | 20.7 | 20.7  | 20.7  | 30.7   | 20.7 | 0.0 |
| 211     | Efilters onder oostzijde         | 4.0    | 20.3 | 20.3  | 20.3  | 30.3   | 20.3 | 0.0 |
| 207     | Inc. 5e verd. oostgevel 1        | 26.5   | 20.0 | 20.0  | 20.0  | 30.0   | 20.0 | 0.0 |
| 021     | RGR- noordgevel totaal           | 12.0   | 19.8 | 19.8  | 19.8  | 29.8   | 19.8 | 0.0 |
| 099     | MED2 boven vlak 2                | 11.9   | 19.8 | 19.8  | 19.8  | 29.8   | 19.8 | 0.0 |
| 263     | energiecentr: ventil. op dak     | 3.0    | 19.6 | 19.6  | 19.6  | 29.6   | 19.6 | 0.0 |
| 201     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 19.4 | 19.4  | 19.4  | 29.4   | 19.4 | 0.0 |
| 200     | Inc. 4e verd. noordgevel dakvlak | 0.1    | 19.4 | 19.4  | 19.4  | 29.4   | 19.4 | 0.0 |
| 009     | energiecentr: ventil. op dak     | 3.0    | 19.3 | 19.3  | 19.3  | 29.3   | 19.3 | 0.0 |
| 175     | Inc. beneden zuidgevel 1         | 4.0    | 19.3 | 19.3  | 19.3  | 29.3   | 19.3 | 0.0 |
| 267     | energiecentr: ventil. op dak     | 3.0    | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 007     | energiecentr: ventil. op dak     | 3.0    | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 291     | uitblaaspijp dak                 | 2.4    | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 19.2 | 19.2  | 19.2  | 29.2   | 19.2 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 19.1 | 19.1  | 19.1  | 29.1   | 19.1 | 0.0 |
| 325     | scheiding dak                    | 0.1    | 18.9 | 18.9  | 18.9  | 28.9   | 18.9 | 0.0 |
| 292     | uitlaat injecteur MED2           | 13.7   | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 160     | MED1 beneden vlak 8              | 0.1    | 18.6 | 18.6  | 18.6  | 28.6   | 18.6 | 0.0 |
| 010     | energiecentr: ventil. op dak     | 3.0    | 18.5 | 18.5  | 18.5  | 28.5   | 18.5 | 0.0 |
| 189     | Inc. 2e verd. zuidgevel dakvlak  | 0.1    | 18.4 | 18.4  | 18.4  | 28.4   | 18.4 | 0.0 |
| 032     | schoorstenen 7                   | 80.0   | 18.0 | 18.0  | 18.0  | 28.0   | 18.0 | 0.0 |
| 266     | energiecentr: ventil. op dak     | 3.0    | 17.9 | 17.9  | 17.9  | 27.9   | 17.9 | 0.0 |
| 406     | stoomleidingen derden            | 6.0    | 17.9 | 17.9  | 17.9  | 27.9   | 17.9 | 0.0 |
| 265     | energiecentr: ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 143     | MED2 boven vlak 7                | 11.9   | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 264     | energiecentr: ventil. op dak     | 3.0    | 17.4 | 17.4  | 17.4  | 27.4   | 17.4 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1        | 26.5   | 17.1 | 17.1  | 17.1  | 27.1   | 17.1 | 0.0 |
| 405     | stoomleidingen derden            | 6.0    | 17.0 | 17.0  | 17.0  | 27.0   | 17.0 | 0.0 |
| 496     | opslag dak                       | 0.1    | 16.9 | 16.9  | 16.9  | 26.9   | 16.9 | 0.0 |
| 337     | stofafzuigventilator 1           | 6.0    | 16.9 | 16.9  | 16.9  | 26.9   | 16.9 | 0.0 |
| 197     | Inc. 4e verd. noordgevel 2       | 21.7   | 16.8 | 16.8  | 16.8  | 26.8   | 16.8 | 0.0 |
| 196     | Inc. 4e verd. noordgevel 1       | 21.7   | 16.7 | 16.7  | 16.7  | 26.7   | 16.7 | 0.0 |
| 144     | MED2 beneden vlak 1              | 3.3    | 16.5 | 16.5  | 16.5  | 26.5   | 16.5 | 0.0 |
|         | Rest                             |        | 39.6 | 33.4  | 32.7  | 42.7   | 43.9 |     |
| Totalen |                                  |        | 42.5 | 40.4  | 40.2  | 50.2   | 45.2 |     |

Alle getoonde dB-waarden zijn A-gewogen

Rangordelijsten van geluidbijdrage per bron  
nulaalternatief BEC

nachtperiode

Model: SI2 Import 21-02-2006 - MVG06007.SI2 - Nulaalternatief BEC  
Bijdrage van hoofdgroep op ontvangerpunt 10\_A - AVR-VIP3-Botlekstraat  
Rekenmethode: Industrielawaai - IL; Periode: Alle perioden

| Id.     | Omschrijving                     | Hoogte | Dag  | Avond | Nacht | Etmaal | Li   | Cm  |
|---------|----------------------------------|--------|------|-------|-------|--------|------|-----|
| 183     | Inc. 2e verd. zuidgevel 2        | 10.3   | 37.8 | 37.8  | 37.8  | 47.8   | 37.8 | 0.0 |
| 182     | Inc. 2e verd. zuidgevel 1        | 10.3   | 36.8 | 36.8  | 36.8  | 46.8   | 36.8 | 0.0 |
| 184     | Inc. 2e verd. zuidgevel 3        | 10.3   | 36.5 | 36.5  | 36.5  | 46.5   | 36.5 | 0.0 |
| 185     | Inc. 2e verd. zuidgevel 4        | 10.3   | 33.6 | 33.6  | 33.6  | 43.6   | 33.6 | 0.0 |
| 188     | Inc. 2e verd. zuidgevel zijvlak  | 13.8   | 33.5 | 33.5  | 33.5  | 43.5   | 33.5 | 0.0 |
| 186     | Inc. 2e verd. oostgevel 1        | 10.3   | 29.9 | 29.9  | 29.9  | 39.9   | 29.9 | 0.0 |
| 192     | Inc. 4e verd. zuidgevel 1        | 21.7   | 29.7 | 29.7  | 29.7  | 39.7   | 29.7 | 0.0 |
| 190     | Inc. 3e verd. zuidgevel 1        | 16.8   | 29.6 | 29.6  | 29.6  | 39.6   | 29.6 | 0.0 |
| 498     | cycloon RDF opwerking Z-richting | 10.0   | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 497     | cycloon RDF opwerking Z-richting | 10.0   | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 189     | Inc. 2e verd. zuidgevel dakvlak  | 0.1    | 28.8 | 28.8  | 28.8  | 38.8   | 28.8 | 0.0 |
| 208     | Inc. 2e verd. westgevel 1        | 11.7   | 27.6 | 27.6  | 27.6  | 37.6   | 27.6 | 0.0 |
| 193     | Inc. 4e verd. zuidgevel 2        | 21.7   | 27.6 | 27.6  | 27.6  | 37.6   | 27.6 | 0.0 |
| 496     | opslag dak                       | 0.1    | 27.5 | 27.5  | 27.5  | 37.5   | 27.5 | 0.0 |
| 191     | Inc. 3e verd. zuidgevel 2        | 16.8   | 27.2 | 27.2  | 27.2  | 37.2   | 27.2 | 0.0 |
| 494     | opslag dak                       | 0.1    | 26.2 | 26.2  | 26.2  | 36.2   | 26.2 | 0.0 |
| 132     | pompen pompplaten (12)           | 0.5    | 25.9 | 25.9  | 25.9  | 35.9   | 25.9 | 0.0 |
| 174     | Inc. beneden oostgevel 3         | 4.0    | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 187     | Inc. 3e verd. oostgevel 1        | 13.5   | 25.8 | 25.8  | 25.8  | 35.8   | 25.8 | 0.0 |
| 052     | DAF terminaltrekker              | 0.8    | 30.0 | 28.8  | 25.8  | 35.8   | 33.0 | 0.0 |
| 202     | Inc. 5e verd. zuidgevel 1        | 26.5   | 25.6 | 25.6  | 25.6  | 35.6   | 25.6 | 0.0 |
| 051     | DAF terminaltrekker              | 0.8    | 29.6 | 28.3  | 25.3  | 35.3   | 32.6 | 0.0 |
| 312     | Shovel                           | 1.5    | 30.1 | 27.9  | 24.9  | 34.9   | 33.9 | 0.0 |
| 199     | Inc. 3e verd. westgevel 1        | 16.8   | 24.7 | 24.7  | 24.7  | 34.7   | 24.7 | 0.0 |
| 495     | opslag dak                       | 0.1    | 24.3 | 24.3  | 24.3  | 34.3   | 24.3 | 0.0 |
| 181     | Inc. 1e verd. oostgevel 1        | 5.2    | 24.2 | 24.2  | 24.2  | 34.2   | 24.2 | 0.0 |
| 203     | Inc. 5e verd. zuidgevel 2        | 26.5   | 24.1 | 24.1  | 24.1  | 34.1   | 24.1 | 0.0 |
| 173     | Inc. beneden oostgevel 2         | 4.0    | 23.4 | 23.4  | 23.4  | 33.4   | 23.4 | 0.0 |
| 493     | opslag dak                       | 0.1    | 23.0 | 23.0  | 23.0  | 33.0   | 23.0 | 0.0 |
| 172     | Inc. beneden oostgevel 1         | 4.0    | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 198     | Inc. 4e verd. westgevel 1        | 21.7   | 22.8 | 22.8  | 22.8  | 32.8   | 22.8 | 0.0 |
| 164     | Instrumentatie luchtleiding      | 3.5    | 22.7 | 22.7  | 22.7  | 32.7   | 22.7 | 0.0 |
| 153     | MED1 beneden vlak 5              | 3.3    | 22.7 | 22.7  | 22.7  | 32.7   | 22.7 | 0.0 |
| 322     | scheiding dak                    | 0.1    | 22.6 | 22.6  | 22.6  | 32.6   | 22.6 | 0.0 |
| 179     | Inc. 1e verd. zuidgevel 1        | 5.2    | 22.6 | 22.6  | 22.6  | 32.6   | 22.6 | 0.0 |
| 274     | Shovel ASI-2                     | 1.5    | 27.4 | 25.5  | 22.5  | 32.5   | 32.7 | 0.0 |
| 316     | opslag dak                       | 0.1    | 22.1 | 22.1  | 22.1  | 32.1   | 22.1 | 0.0 |
| 317     | opslag dak                       | 0.1    | 22.0 | 22.0  | 22.0  | 32.0   | 22.0 | 0.0 |
| 160     | MED1 beneden vlak 8              | 0.1    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 404     | stoomleidingen derden            | 6.0    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 319     | opslag dak                       | 0.1    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 325     | scheiding dak                    | 0.1    | 21.9 | 21.9  | 21.9  | 31.9   | 21.9 | 0.0 |
| 151     | MED2 beneden vlak 8              | 0.1    | 21.8 | 21.8  | 21.8  | 31.8   | 21.8 | 0.0 |
| 176     | Inc. beneden zuidgevel 2         | 4.0    | 21.7 | 21.7  | 21.7  | 31.7   | 21.7 | 0.0 |
| 139     | shovel Volvo L120C huisvuil      | 1.5    | 31.7 | 30.5  | 21.5  | 35.5   | 33.5 | 0.0 |
| 177     | Inc. beneden zuidgevel 3         | 4.0    | 21.4 | 21.4  | 21.4  | 31.4   | 21.4 | 0.0 |
| 178     | Inc. 1e verd. westgevel 1        | 5.2    | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 323     | scheiding dak                    | 0.1    | 21.3 | 21.3  | 21.3  | 31.3   | 21.3 | 0.0 |
| 324     | scheiding dak                    | 0.1    | 21.1 | 21.1  | 21.1  | 31.1   | 21.1 | 0.0 |
| 049     | shovel Volvo L120C huisvuil      | 1.5    | 31.3 | 30.1  | 21.1  | 35.1   | 33.1 | 0.0 |
| Rest    |                                  |        | 44.2 | 38.3  | 36.6  | 46.6   | 47.2 |     |
| Totalen |                                  |        | 48.2 | 46.5  | 46.0  | 56.0   | 49.9 |     |

Alle getoonde dB-waarden zijn A-gewogen



**BIJLAGE V**

Bronsterkteberekeningen BEC



## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                                                                |                            |         |                         |      |      |      |      |      |      |      |      |        |
|--------------------------------------------------------------------------------|----------------------------|---------|-------------------------|------|------|------|------|------|------|------|------|--------|
| Bronnummer: 451 en 452                                                         |                            |         | Bronnaam: opslaghal dak |      |      |      |      |      |      |      |      |        |
| Methode II.7                                                                   |                            |         | Save: Datum:            |      |      |      |      |      |      |      |      |        |
| Frequentie                                                                     |                            | [Hz]    | 31.5                    | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |
| Omschrijving hoofdconstructie: staal geprof., 0.7mm (50% opp.met grond bedekt) |                            |         |                         |      |      |      |      |      |      |      |      |        |
| Materiaal                                                                      |                            |         |                         |      |      |      |      |      |      |      |      |        |
| nr. 109                                                                        | S <sub>1</sub> : 2721      | [m²]    | 5                       | 11   | 13   | 19   | 22   | 24   | 27   | 29   | 33   |        |
| nr. 0                                                                          | S <sub>2</sub> : 0         | [m²]    | 0                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| nr. 0                                                                          | S <sub>3</sub> : 0         | [m²]    | 0                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| nr. 0                                                                          | S <sub>4</sub> : 0         | [m²]    | 0                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| nr. 0                                                                          | S <sub>5</sub> : 0         | [m²]    | 0                       | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| R <sub>s</sub>                                                                 | S <sub>totaal</sub> : 2721 | [dB]    | 5.0                     | 11.0 | 13.0 | 19.0 | 22.0 | 24.0 | 27.0 | 29.0 | 33.0 |        |
| L <sub>p</sub>                                                                 |                            | [dB(A)] | 38.0                    | 45.0 | 62.0 | 70.5 | 73.4 | 73.4 | 71.9 | 62.9 | 52.0 | 78.7   |
| 10 log(S)                                                                      |                            | [dB]    | 34.3                    | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 |        |
| C <sub>d</sub>                                                                 |                            | [dB]    | 3.0                     | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |        |
| Uitstralend dak, DI =0 [dB]                                                    |                            | [dB]    | 0.0                     | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  |        |
| L <sub>wr</sub>                                                                |                            | [dB(A)] | 64.3                    | 65.3 | 82.3 | 84.8 | 84.7 | 82.7 | 78.2 | 67.2 | 52.3 | 90.2   |

|                                                                |         |                                        |                                |      |      |      |      |      |      |      |      |        |      |
|----------------------------------------------------------------|---------|----------------------------------------|--------------------------------|------|------|------|------|------|------|------|------|--------|------|
| Bronnummer: 445                                                |         |                                        | Bronnaam: opslaghal noordgevel |      |      |      |      |      |      |      |      |        |      |
| Methode II.7                                                   |         |                                        | Save: Datum:                   |      |      |      |      |      |      |      |      |        |      |
| Frequentie                                                     |         | [Hz]                                   | 31.5                           | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |      |
| Omschrijving hoofdconstructie: staal geprofileerd, dikte 0.7mm |         |                                        |                                |      |      |      |      |      |      |      |      |        |      |
| Materiaal                                                      |         |                                        |                                |      |      |      |      |      |      |      |      |        |      |
| opening                                                        | nr. 108 | S <sub>1</sub> : 458 [m <sup>2</sup> ] | 2                              | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30   |        |      |
|                                                                | nr. 0   | S <sub>2</sub> : 50 [m <sup>2</sup> ]  | 0                              | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |      |
|                                                                | nr. 0   | S <sub>3</sub> : 0 [m <sup>2</sup> ]   | 0                              | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |      |
|                                                                | nr. 0   | S <sub>4</sub> : 0 [m <sup>2</sup> ]   | 0                              | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |      |
|                                                                | nr. 0   | S <sub>5</sub> : 0 [m <sup>2</sup> ]   | 0                              | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |      |
| R <sub>s</sub>                                                 |         | S <sub>totaal</sub> : 508 [dB]         | 1.8                            | 6.2  | 7.2  | 9.2  | 9.6  | 9.8  | 9.9  | 10.0 | 10.0 |        |      |
| L <sub>p</sub>                                                 |         | [dB(A)]                                | 38.0                           | 45.0 | 62.0 | 70.5 | 73.4 | 73.4 | 71.9 | 62.9 | 52.0 | 78.7   |      |
| 10 log(S)                                                      |         | [dB]                                   | 27.1                           | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 |        |      |
| C <sub>d</sub>                                                 |         | [dB]                                   | 3.0                            | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |        |      |
| Uitstralende gevel, DI =3                                      |         |                                        | [dB]                           | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |        |      |
| L <sub>wr</sub>                                                |         |                                        | [dB(A)]                        | 63.3 | 65.9 | 81.8 | 88.4 | 90.9 | 90.7 | 89.0 | 80.0 | 69.0   | 96.2 |

|                                                                |                           |                   |                               |      |      |      |      |      |      |      |      |        |
|----------------------------------------------------------------|---------------------------|-------------------|-------------------------------|------|------|------|------|------|------|------|------|--------|
| Bronnummer: 446 en 459                                         |                           |                   | Bronnaam: opslaghal oostgevel |      |      |      |      |      |      |      |      |        |
| Methode II.7                                                   |                           |                   | Save: Datum:                  |      |      |      |      |      |      |      |      |        |
| Frequentie                                                     |                           | [Hz]              | 31.5                          | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |
| Omschrijving hoofdbestanddeel: staal geprofileerd, dikte 0.7mm |                           |                   |                               |      |      |      |      |      |      |      |      |        |
| Materiaal                                                      |                           |                   |                               |      |      |      |      |      |      |      |      |        |
| nr. 108                                                        | S <sub>1</sub> : 677      | [m <sup>2</sup> ] | 2                             | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30   |        |
| nr. 0                                                          | S <sub>2</sub> : 0        | [m <sup>2</sup> ] | 0                             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| nr. 0                                                          | S <sub>3</sub> : 0        | [m <sup>2</sup> ] | 0                             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| nr. 0                                                          | S <sub>4</sub> : 0        | [m <sup>2</sup> ] | 0                             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| nr. 0                                                          | S <sub>5</sub> : 0        | [m <sup>2</sup> ] | 0                             | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    |        |
| R <sub>s</sub>                                                 | S <sub>totaal</sub> : 677 | [dB]              | 2.0                           | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 | 30.0 |        |
| L <sub>p</sub>                                                 |                           | [dB(A)]           | 38.0                          | 45.0 | 62.0 | 70.5 | 73.4 | 73.4 | 71.9 | 62.9 | 52.0 | 78.7   |
| 10 log(S)                                                      |                           | [dB]              | 28.3                          | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 |        |
| C <sub>d</sub>                                                 |                           | [dB]              | 3.0                           | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |        |
| Uitstralende gevel, DI =3                                      |                           | [dB]              | 3.0                           | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |        |
| L <sub>WR</sub>                                                |                           | [dB(A)]           | 64.3                          | 65.3 | 80.3 | 82.8 | 82.7 | 80.7 | 76.2 | 65.2 | 50.3 | 88.2   |

## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                |     |                                 |                   |      |      |      |      |      |      |      |                |
|--------------------------------|-----|---------------------------------|-------------------|------|------|------|------|------|------|------|----------------|
| Bronnummer: 447 en 448         |     | Bronnaam: opslaghal westgevel   |                   |      |      |      |      |      |      |      |                |
| Methode II.7                   |     | Save: Datum:                    |                   |      |      |      |      |      |      |      |                |
| Frequentie                     |     | [Hz]                            | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal      |
| Omschrijving hoofdconstructie: |     | staal geprofileerd, dikte 0.7mm |                   |      |      |      |      |      |      |      |                |
| Materiaal                      |     |                                 |                   |      |      |      |      |      |      |      |                |
| nr.                            | 108 | S <sub>1</sub> : 677            | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30          |
| nr.                            | 0   | S <sub>2</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>3</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>4</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>5</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| R <sub>s</sub>                 |     | S <sub>Totaal</sub> : 677       | [dB]              | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 30.0      |
| L <sub>p</sub>                 |     |                                 | [dB(A)]           | 38.0 | 45.0 | 62.0 | 70.5 | 73.4 | 73.4 | 71.9 | 62.9 52.0 78.7 |
| 10 log(S)                      |     |                                 | [dB]              | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3           |
| C <sub>d</sub>                 |     |                                 | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| Uitstralende gevel, DI ≈ 3     |     |                                 | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| L <sub>WR</sub>                |     |                                 | [dB(A)]           | 64.3 | 65.3 | 80.3 | 82.8 | 82.7 | 80.7 | 76.2 | 65.2 50.3 88.2 |

|                                |     |                                 |                   |      |      |      |      |      |      |      |                |
|--------------------------------|-----|---------------------------------|-------------------|------|------|------|------|------|------|------|----------------|
| Bronnummer: 460                |     | Bronnaam: opslaghal zuidgevel   |                   |      |      |      |      |      |      |      |                |
| Methode II.7                   |     | Save: Datum:                    |                   |      |      |      |      |      |      |      |                |
| Frequentie                     |     | [Hz]                            | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal      |
| Omschrijving hoofdconstructie: |     | staal geprofileerd, dikte 0.7mm |                   |      |      |      |      |      |      |      |                |
| Materiaal                      |     |                                 |                   |      |      |      |      |      |      |      |                |
| nr.                            | 108 | S <sub>1</sub> : 458            | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30          |
| nr.                            | 0   | S <sub>2</sub> : 50             | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>3</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>4</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>5</sub> : 0              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| R <sub>s</sub>                 |     | S <sub>Totaal</sub> : 508       | [dB]              | 1.8  | 6.2  | 7.2  | 9.2  | 9.6  | 9.8  | 9.9  | 10.0 10.0      |
| L <sub>p</sub>                 |     |                                 | [dB(A)]           | 38.0 | 45.0 | 62.0 | 70.5 | 73.4 | 73.4 | 71.9 | 62.9 52.0 78.7 |
| 10 log(S)                      |     |                                 | [dB]              | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1           |
| C <sub>d</sub>                 |     |                                 | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| Uitstralende gevel, DI ≈ 3     |     |                                 | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| L <sub>WR</sub>                |     |                                 | [dB(A)]           | 63.3 | 65.9 | 81.8 | 88.4 | 90.9 | 90.7 | 89.0 | 80.0 69.0 96.2 |

|                                |     |                                                 |                   |      |      |      |      |      |      |      |                |
|--------------------------------|-----|-------------------------------------------------|-------------------|------|------|------|------|------|------|------|----------------|
| Bronnummer: 461 en 462         |     | Bronnaam: opslaghal dak incl. shredder          |                   |      |      |      |      |      |      |      |                |
| Methode II.7                   |     | Save: Datum:                                    |                   |      |      |      |      |      |      |      |                |
| Frequentie                     |     | [Hz]                                            | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal      |
| Omschrijving hoofdbestanddeel: |     | staal geprof., 0.7mm (50% opp.met grond bedekt) |                   |      |      |      |      |      |      |      |                |
| Materiaal                      |     |                                                 |                   |      |      |      |      |      |      |      |                |
| nr.                            | 109 | S <sub>1</sub> : 2721                           | [m <sup>2</sup> ] | 5    | 11   | 13   | 19   | 22   | 24   | 27   | 29 33          |
| nr.                            | 0   | S <sub>2</sub> : 0                              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>3</sub> : 0                              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>4</sub> : 0                              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| nr.                            | 0   | S <sub>5</sub> : 0                              | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| R <sub>s</sub>                 |     | S <sub>Totaal</sub> : 2721                      | [dB]              | 5.0  | 11.0 | 13.0 | 19.0 | 22.0 | 24.0 | 27.0 | 29.0 33.0      |
| L <sub>p</sub>                 |     |                                                 | [dB(A)]           | 44.3 | 51.3 | 68.3 | 76.8 | 79.7 | 79.7 | 78.2 | 69.2 58.3 85.0 |
| 10 log(S)                      |     |                                                 | [dB]              | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3 | 34.3           |
| C <sub>d</sub>                 |     |                                                 | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| Uitstralend dak, DI = 0        |     |                                                 | [dB]              | 0.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0            |
| L <sub>WR</sub>                |     |                                                 | [dB(A)]           | 70.6 | 71.6 | 88.6 | 91.1 | 91.0 | 89.0 | 84.5 | 73.5 58.6 96.5 |

## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                |         |                                               |                   |      |      |      |      |      |      |      |                 |
|--------------------------------|---------|-----------------------------------------------|-------------------|------|------|------|------|------|------|------|-----------------|
| Bronnummer: 463                |         | Bronnaam: opslaghal noordgevel incl. shredder |                   |      |      |      |      |      |      |      |                 |
| Methode II.7                   |         | Save:<br>Datum:                               |                   |      |      |      |      |      |      |      |                 |
| Frequentie                     |         | [Hz]                                          | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal       |
| Omschrijving hoofdconstructie: |         | staal geprofileerd, dikte 0.7mm               |                   |      |      |      |      |      |      |      |                 |
| Materiaal                      |         |                                               |                   |      |      |      |      |      |      |      |                 |
| opening                        | nr. 108 | S <sub>1</sub> : 458                          | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30           |
|                                | nr. 0   | S <sub>2</sub> : 50                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
|                                | nr. 0   | S <sub>3</sub> : 0                            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
|                                | nr. 0   | S <sub>4</sub> : 0                            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
|                                | nr. 0   | S <sub>5</sub> : 0                            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| R <sub>s</sub>                 |         | S <sub>totaal</sub> : 508                     | [dB]              | 1.8  | 6.2  | 7.2  | 9.2  | 9.6  | 9.8  | 9.9  | 10.0 10.0       |
| L <sub>p</sub>                 |         |                                               | [dB(A)]           | 44.3 | 51.3 | 68.3 | 76.8 | 79.7 | 79.7 | 78.2 | 69.2 58.3 85.0  |
| 10 log(S)                      |         |                                               | [dB]              | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1            |
| C <sub>d</sub>                 |         |                                               | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| Uitstralende gevel, DI =3      |         |                                               | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| L <sub>WR</sub>                |         |                                               | [dB(A)]           | 69.6 | 72.2 | 88.1 | 94.7 | 97.2 | 97.0 | 95.3 | 86.3 75.3 102.5 |

|                                |         |                                              |                   |      |      |      |      |      |      |      |                |
|--------------------------------|---------|----------------------------------------------|-------------------|------|------|------|------|------|------|------|----------------|
| Bronnummer: 464 en 465         |         | Bronnaam: opslaghal oostgevel incl. shredder |                   |      |      |      |      |      |      |      |                |
| Methode II.7                   |         | Save:<br>Datum:                              |                   |      |      |      |      |      |      |      |                |
| Frequentie                     |         | [Hz]                                         | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal      |
| Omschrijving hoofdconstructie: |         | staal geprofileerd, dikte 0.7mm              |                   |      |      |      |      |      |      |      |                |
| Materiaal                      |         |                                              |                   |      |      |      |      |      |      |      |                |
|                                | nr. 108 | S <sub>1</sub> : 677                         | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30          |
|                                | nr. 0   | S <sub>2</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
|                                | nr. 0   | S <sub>3</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
|                                | nr. 0   | S <sub>4</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
|                                | nr. 0   | S <sub>5</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| R <sub>s</sub>                 |         | S <sub>totaal</sub> : 677                    | [dB]              | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 30.0      |
| L <sub>p</sub>                 |         |                                              | [dB(A)]           | 44.3 | 51.3 | 68.3 | 76.8 | 79.7 | 79.7 | 78.2 | 69.2 58.3 85.0 |
| 10 log(S)                      |         |                                              | [dB]              | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3           |
| C <sub>d</sub>                 |         |                                              | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| Uitstralende gevel, DI =3      |         |                                              | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| L <sub>WR</sub>                |         |                                              | [dB(A)]           | 70.6 | 71.6 | 86.6 | 89.1 | 89.0 | 87.0 | 82.5 | 71.5 56.6 94.5 |

|                                |         |                                              |                   |      |      |      |      |      |      |      |                |
|--------------------------------|---------|----------------------------------------------|-------------------|------|------|------|------|------|------|------|----------------|
| Bronnummer: 466 en 467         |         | Bronnaam: opslaghal westgevel incl. shredder |                   |      |      |      |      |      |      |      |                |
| Methode II.7                   |         | Save:<br>Datum:                              |                   |      |      |      |      |      |      |      |                |
| Frequentie                     |         | [Hz]                                         | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal      |
| Omschrijving hoofdbestanddeel: |         | staal geprofileerd, dikte 0.7mm              |                   |      |      |      |      |      |      |      |                |
| Materiaal                      |         |                                              |                   |      |      |      |      |      |      |      |                |
|                                | nr. 108 | S <sub>1</sub> : 677                         | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30          |
|                                | nr. 0   | S <sub>2</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
|                                | nr. 0   | S <sub>3</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
|                                | nr. 0   | S <sub>4</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
|                                | nr. 0   | S <sub>5</sub> : 0                           | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0              |
| R <sub>s</sub>                 |         | S <sub>totaal</sub> : 677                    | [dB]              | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 30.0      |
| L <sub>p</sub>                 |         |                                              | [dB(A)]           | 44.3 | 51.3 | 68.3 | 76.8 | 79.7 | 79.7 | 78.2 | 69.2 58.3 85.0 |
| 10 log(S)                      |         |                                              | [dB]              | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3 | 28.3           |
| C <sub>d</sub>                 |         |                                              | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| Uitstralende gevel, DI =3      |         |                                              | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0            |
| L <sub>WR</sub>                |         |                                              | [dB(A)]           | 70.6 | 71.6 | 86.6 | 89.1 | 89.0 | 87.0 | 82.5 | 71.5 56.6 94.5 |



## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                |         |                                              |      |      |      |      |      |      |      |      |            |
|--------------------------------|---------|----------------------------------------------|------|------|------|------|------|------|------|------|------------|
| Bronnummer: 468                |         | Bronnaam: opslaghal zuidgevel incl. shredder |      |      |      |      |      |      |      |      |            |
| Methode II.7                   |         | Save: Datum:                                 |      |      |      |      |      |      |      |      |            |
| Frequentie                     |         | [Hz]                                         | 31.5 | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal  |
| Omschrijving hoofdconstructie: |         | staal geprofileerd, dikte 0.7mm              |      |      |      |      |      |      |      |      |            |
| Materiaal                      |         |                                              |      |      |      |      |      |      |      |      |            |
| opening                        | nr. 108 | S <sub>1</sub> : 458 [m <sup>2</sup> ]       | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30         |
|                                | nr. 0   | S <sub>2</sub> : 50 [m <sup>2</sup> ]        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0          |
|                                | nr. 0   | S <sub>3</sub> : 0 [m <sup>2</sup> ]         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0          |
|                                | nr. 0   | S <sub>4</sub> : 0 [m <sup>2</sup> ]         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0          |
|                                | nr. 0   | S <sub>5</sub> : 0 [m <sup>2</sup> ]         | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0          |
|                                |         | S <sub>Totaal</sub> : 508                    |      |      |      |      |      |      |      |      |            |
| R <sub>s</sub>                 |         | [dB]                                         | 1.8  | 6.2  | 7.2  | 9.2  | 9.6  | 9.8  | 9.9  | 10.0 | 10.0       |
| L <sub>p</sub>                 |         | [dB(A)]                                      | 44.3 | 51.3 | 68.3 | 76.8 | 79.7 | 79.7 | 78.2 | 69.2 | 58.3 85.0  |
| 10 log(S)                      |         | [dB]                                         | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 | 27.1 |            |
| C <sub>d</sub>                 |         | [dB]                                         | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |            |
| Uitstralende gevel, DI =3      |         | [dB]                                         | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |            |
| L <sub>WR</sub>                |         | [dB(A)]                                      | 69.6 | 72.2 | 88.1 | 94.7 | 97.2 | 97.0 | 95.3 | 86.3 | 75.3 102.5 |

|                                |         |                                        |      |      |      |      |      |      |      |      |           |
|--------------------------------|---------|----------------------------------------|------|------|------|------|------|------|------|------|-----------|
| Bronnummer: 421 en 422         |         | Bronnaam: dak ketelhuis                |      |      |      |      |      |      |      |      |           |
| Methode II.7                   |         | Save: Datum:                           |      |      |      |      |      |      |      |      |           |
| Frequentie                     |         | [Hz]                                   | 31.5 | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal |
| Omschrijving hoofdconstructie: |         | staal geprofileerd, dikte 0.7mm        |      |      |      |      |      |      |      |      |           |
| Materiaal                      |         |                                        |      |      |      |      |      |      |      |      |           |
| lichtstraat                    | nr. 108 | S <sub>1</sub> : 289 [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30        |
|                                | nr. 47  | S <sub>2</sub> : 3 [m <sup>2</sup> ]   | 0    | 6    | 7    | 9    | 13   | 15   | 17   | 21   | 25        |
|                                | nr. 0   | S <sub>3</sub> : 3 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                | nr. 0   | S <sub>4</sub> : 2 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                | nr. 0   | S <sub>5</sub> : 0 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                |         | S <sub>Totaal</sub> : 297              |      |      |      |      |      |      |      |      |           |
| R <sub>s</sub>                 |         | [dB]                                   | 1.9  | 7.6  | 9.3  | 13.7 | 15.3 | 16.0 | 16.8 | 17.1 | 17.5      |
| L <sub>p</sub>                 |         | [dB(A)]                                | 44.4 | 55.4 | 58.4 | 66.4 | 72.4 | 75.4 | 76.1 | 75.1 | 64.1 82.0 |
| 10 log(S)                      |         | [dB]                                   | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 |           |
| C <sub>d</sub>                 |         | [dB]                                   | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |           |
| Uitstralend dak, DI =0         |         | [dB]                                   | 0.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  |           |
| L <sub>WR</sub>                |         | [dB(A)]                                | 64.2 | 69.5 | 72.8 | 76.4 | 80.8 | 83.1 | 85.0 | 81.7 | 70.3 89.4 |

|                                |         |                                        |      |      |      |      |      |      |      |      |           |
|--------------------------------|---------|----------------------------------------|------|------|------|------|------|------|------|------|-----------|
| Bronnummer: 431 en 432         |         | Bronnaam: westgevel ketelhuis          |      |      |      |      |      |      |      |      |           |
| Methode II.7                   |         | Save: Datum:                           |      |      |      |      |      |      |      |      |           |
| Frequentie                     |         | [Hz]                                   | 31.5 | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal |
| Omschrijving hoofdbestanddeel: |         | staal geprofileerd, dikte 0.7mm        |      |      |      |      |      |      |      |      |           |
| Materiaal                      |         |                                        |      |      |      |      |      |      |      |      |           |
|                                | nr. 108 | S <sub>1</sub> : 495 [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30        |
|                                | nr. 0   | S <sub>2</sub> : 0 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                | nr. 0   | S <sub>3</sub> : 0 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                | nr. 0   | S <sub>4</sub> : 0 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                | nr. 0   | S <sub>5</sub> : 0 [m <sup>2</sup> ]   | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0         |
|                                |         | S <sub>Totaal</sub> : 495              |      |      |      |      |      |      |      |      |           |
| R <sub>s</sub>                 |         | [dB]                                   | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 | 30.0      |
| L <sub>p</sub>                 |         | [dB(A)]                                | 44.4 | 55.4 | 58.4 | 66.4 | 72.4 | 75.4 | 78.1 | 75.1 | 64.1 82.0 |
| 10 log(S)                      |         | [dB]                                   | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 | 26.9 |           |
| C <sub>d</sub>                 |         | [dB]                                   | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |           |
| Uitstralende gevel, DI =3      |         | [dB]                                   | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |           |
| L <sub>WR</sub>                |         | [dB(A)]                                | 69.3 | 74.3 | 75.3 | 77.3 | 80.3 | 81.3 | 81.0 | 76.0 | 61.0 87.3 |

## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                                                |     |                                |                   |      |      |      |      |      |      |      |                 |
|----------------------------------------------------------------|-----|--------------------------------|-------------------|------|------|------|------|------|------|------|-----------------|
| Bronnummer: 423                                                |     | Bronnaam: noordgevel ketelhuis |                   |      |      |      |      |      |      |      |                 |
| Methode II.7                                                   |     |                                |                   |      |      |      |      |      |      |      | Save:<br>Datum: |
| Frequentie                                                     |     | [Hz]                           | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal       |
| Omschrijving hoofdconstructie: staal geprofileerd, dikte 0.7mm |     |                                |                   |      |      |      |      |      |      |      |                 |
| Materiaal                                                      |     |                                |                   |      |      |      |      |      |      |      |                 |
| nr.                                                            | 108 | S <sub>1</sub> : 540           | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30           |
| nr.                                                            | 0   | S <sub>2</sub> : 0             | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>3</sub> : 0             | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>4</sub> : 0             | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>5</sub> : 0             | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
|                                                                |     | S <sub> totaal</sub> : 540     | [dB]              | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 30.0       |
| R <sub>s</sub>                                                 |     |                                | [dB(A)]           | 44.4 | 55.4 | 58.4 | 66.4 | 72.4 | 75.4 | 78.1 | 75.1 64.1 82.0  |
| L <sub>p</sub>                                                 |     |                                | [dB]              | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3 | 27.3            |
| 10 log(S)                                                      |     |                                | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| C <sub>d</sub>                                                 |     |                                | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| Uitstralende gevel, DI =3                                      |     |                                |                   |      |      |      |      |      |      |      |                 |
|                                                                |     |                                | [dB(A)]           | 69.7 | 74.7 | 75.7 | 77.7 | 80.7 | 81.7 | 81.4 | 76.4 61.4 87.7  |
| L <sub>WR</sub>                                                |     |                                | [dB(A)]           | 69.7 | 74.7 | 75.7 | 77.7 | 80.7 | 81.7 | 81.4 | 76.4 61.4 87.7  |

|                                                                |     |                               |                   |      |      |      |      |      |      |      |                 |
|----------------------------------------------------------------|-----|-------------------------------|-------------------|------|------|------|------|------|------|------|-----------------|
| Bronnummer: 424 en 425                                         |     | Bronnaam: oostgevel ketelhuis |                   |      |      |      |      |      |      |      |                 |
| Methode II.7                                                   |     |                               |                   |      |      |      |      |      |      |      | Save:<br>Datum: |
| Frequentie                                                     |     | [Hz]                          | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal       |
| Omschrijving hoofdconstructie: staal geprofileerd, dikte 0.7mm |     |                               |                   |      |      |      |      |      |      |      |                 |
| Materiaal                                                      |     |                               |                   |      |      |      |      |      |      |      |                 |
| nr.                                                            | 108 | S <sub>1</sub> : 147          | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30           |
| nr.                                                            | 0   | S <sub>2</sub> : 2            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>3</sub> : 0            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>4</sub> : 0            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>5</sub> : 0            | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
|                                                                |     | S <sub> totaal</sub> : 149    | [dB]              | 2.0  | 7.7  | 9.5  | 14.2 | 15.9 | 16.7 | 17.6 | 18.0 18.4       |
| R <sub>s</sub>                                                 |     |                               | [dB(A)]           | 44.4 | 55.4 | 58.4 | 66.4 | 72.4 | 75.4 | 78.1 | 75.1 64.1 82.0  |
| L <sub>p</sub>                                                 |     |                               | [dB]              | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7 | 21.7            |
| 10 log(S)                                                      |     |                               | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| C <sub>d</sub>                                                 |     |                               | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| Uitstralende gevel, DI =3                                      |     |                               |                   |      |      |      |      |      |      |      |                 |
|                                                                |     |                               | [dB(A)]           | 64.2 | 69.4 | 70.6 | 74.0 | 78.3 | 80.4 | 82.2 | 78.8 67.4 86.8  |
| L <sub>WR</sub>                                                |     |                               | [dB(A)]           | 64.2 | 69.4 | 70.6 | 74.0 | 78.3 | 80.4 | 82.2 | 78.8 67.4 86.8  |

|                                                                |     |                                      |                   |      |      |      |      |      |      |      |                 |
|----------------------------------------------------------------|-----|--------------------------------------|-------------------|------|------|------|------|------|------|------|-----------------|
| Bronnummer: 416 en 418                                         |     | Bronnaam: westgevel rookgasreiniging |                   |      |      |      |      |      |      |      |                 |
| Methode II.7                                                   |     |                                      |                   |      |      |      |      |      |      |      | Save:<br>Datum: |
| Frequentie                                                     |     | [Hz]                                 | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k Totaal       |
| Omschrijving hoofdbestanddeel: staal geprofileerd, dikte 0.7mm |     |                                      |                   |      |      |      |      |      |      |      |                 |
| Materiaal                                                      |     |                                      |                   |      |      |      |      |      |      |      |                 |
| nr.                                                            | 108 | S <sub>1</sub> : 263                 | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26 30           |
| nr.                                                            | 0   | S <sub>2</sub> : 0                   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>3</sub> : 0                   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>4</sub> : 0                   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
| nr.                                                            | 0   | S <sub>5</sub> : 0                   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0               |
|                                                                |     | S <sub> totaal</sub> : 263           | [dB]              | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 30.0       |
| R <sub>s</sub>                                                 |     |                                      | [dB(A)]           | 38.6 | 42.6 | 55.6 | 60.6 | 64.6 | 68.6 | 71.6 | 70.6 62.6 76.0  |
| L <sub>p</sub>                                                 |     |                                      | [dB]              | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2            |
| 10 log(S)                                                      |     |                                      | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| C <sub>d</sub>                                                 |     |                                      | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0             |
| Uitstralende gevel, DI =3                                      |     |                                      |                   |      |      |      |      |      |      |      |                 |
|                                                                |     |                                      | [dB(A)]           | 60.8 | 58.8 | 69.8 | 68.8 | 69.8 | 71.8 | 71.8 | 68.8 56.8 78.3  |
| L <sub>WR</sub>                                                |     |                                      | [dB(A)]           | 60.8 | 58.8 | 69.8 | 68.8 | 69.8 | 71.8 | 71.8 | 68.8 56.8 78.3  |

## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                |                                 |     |                      |                           |         |      |      |      |      |      |                                      |      |      |        |                 |  |  |  |  |  |
|--------------------------------|---------------------------------|-----|----------------------|---------------------------|---------|------|------|------|------|------|--------------------------------------|------|------|--------|-----------------|--|--|--|--|--|
| Bronnummer:                    | 417 en 419                      |     |                      |                           |         |      |      |      |      |      | Bronnaam: oostgevel rookgasreiniging |      |      |        |                 |  |  |  |  |  |
| Methode II.7                   |                                 |     |                      |                           |         |      |      |      |      |      |                                      |      |      |        | Save:<br>Datum: |  |  |  |  |  |
| Frequentie                     | [Hz]                            |     |                      |                           | 31.5    | 63   | 125  | 250  | 500  | 1k   | 2k                                   | 4k   | 8k   | Totaal |                 |  |  |  |  |  |
| Omschrijving hoofdconstructie: | staal geprofileerd, dikte 0.7mm |     |                      |                           |         |      |      |      |      |      |                                      |      |      |        |                 |  |  |  |  |  |
| Materiaal                      | nr.                             | 108 | S <sub>1</sub> : 263 | [m²]                      | 2       | 8    | 10   | 16   | 19   | 21   | 24                                   | 26   | 30   |        |                 |  |  |  |  |  |
|                                | nr.                             | 0   | S <sub>2</sub> : 0   | [m²]                      | 0       | 0    | 0    | 0    | 0    | 0    | 0                                    | 0    | 0    |        |                 |  |  |  |  |  |
|                                | nr.                             | 0   | S <sub>3</sub> : 0   | [m²]                      | 0       | 0    | 0    | 0    | 0    | 0    | 0                                    | 0    | 0    |        |                 |  |  |  |  |  |
|                                | nr.                             | 0   | S <sub>4</sub> : 0   | [m²]                      | 0       | 0    | 0    | 0    | 0    | 0    | 0                                    | 0    | 0    |        |                 |  |  |  |  |  |
|                                | nr.                             | 0   | S <sub>5</sub> : 0   | [m²]                      | 0       | 0    | 0    | 0    | 0    | 0    | 0                                    | 0    | 0    |        |                 |  |  |  |  |  |
| R <sub>s</sub>                 |                                 |     |                      | S <sub>Totaal</sub> : 263 | [dB]    | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0                                 | 24.0 | 26.0 | 30.0   |                 |  |  |  |  |  |
| L <sub>p</sub>                 |                                 |     |                      |                           | {dB(A)} | 38.6 | 42.6 | 55.6 | 60.6 | 64.6 | 68.6                                 | 71.6 | 70.6 | 62.6   | 76.0            |  |  |  |  |  |
| 10 log(S)                      |                                 |     |                      |                           | [dB]    | 24.2 | 24.2 | 24.2 | 24.2 | 24.2 | 24.2                                 | 24.2 | 24.2 | 24.2   |                 |  |  |  |  |  |
| C <sub>d</sub>                 |                                 |     |                      |                           | [dB]    | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0                                  | 3.0  | 3.0  | 3.0    |                 |  |  |  |  |  |
| Uitstralende gevel, DI =3      |                                 |     |                      |                           | [dB]    | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0                                  | 3.0  | 3.0  | 3.0    |                 |  |  |  |  |  |
| L <sub>WR</sub>                |                                 |     |                      |                           | [dB(A)] | 60.8 | 58.8 | 69.8 | 68.8 | 69.8 | 71.8                                 | 71.8 | 68.8 | 56.8   | 78.3            |  |  |  |  |  |

|                                |                       |     |                  |     |                   |      |      |      |      |      |      |      |      |                                 |                            |      |      |      |      |      |      |      |      |      |
|--------------------------------|-----------------------|-----|------------------|-----|-------------------|------|------|------|------|------|------|------|------|---------------------------------|----------------------------|------|------|------|------|------|------|------|------|------|
| Bronnummer:                    | 415                   |     |                  |     | Bronnaam:         |      |      |      |      |      |      |      |      |                                 | zuidgevel rookgasreiniging |      |      |      |      |      |      |      |      |      |
| Methode II.7                   |                       |     |                  |     |                   |      |      |      |      |      |      |      |      | Save:<br>Datum:                 |                            |      |      |      |      |      |      |      |      |      |
| Frequentie                     | [Hz]                  |     |                  |     | 31.5              | 63   | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal                          |                            |      |      |      |      |      |      |      |      |      |
| Omschrijving hoofdconstructie: |                       |     |                  |     |                   |      |      |      |      |      |      |      |      | staal geprofileerd, dikte 0.7mm |                            |      |      |      |      |      |      |      |      |      |
| Materiaal                      |                       |     |                  |     |                   |      |      |      |      |      |      |      |      |                                 |                            |      |      |      |      |      |      |      |      |      |
|                                | nr.                   | 108 | S <sub>1</sub> : | 378 | [m <sup>2</sup> ] | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30                              |                            |      |      |      |      |      |      |      |      |      |
|                                | nr.                   | 0   | S <sub>2</sub> : | 0   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0                               |                            |      |      |      |      |      |      |      |      |      |
|                                | nr.                   | 0   | S <sub>3</sub> : | 0   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0                               |                            |      |      |      |      |      |      |      |      |      |
|                                | nr.                   | 0   | S <sub>4</sub> : | 0   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0                               |                            |      |      |      |      |      |      |      |      |      |
|                                | nr.                   | 0   | S <sub>5</sub> : | 0   | [m <sup>2</sup> ] | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0                               |                            |      |      |      |      |      |      |      |      |      |
|                                |                       |     |                  |     |                   |      |      |      |      |      |      |      |      |                                 |                            |      |      |      |      |      |      |      |      |      |
| R <sub>s</sub>                 | S <sub>Totaal</sub> : |     |                  |     | 378               | [dB] | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0                            | 30.0                       |      |      |      |      |      |      |      |      |      |
| L <sub>p</sub>                 |                       |     |                  |     | [dB(A)]           | 38.6 | 42.6 | 55.6 | 60.6 | 64.6 | 68.6 | 71.6 | 70.6 | 62.6                            | 76.0                       |      |      |      |      |      |      |      |      |      |
| 10 log(S)                      |                       |     |                  |     | [dB]              | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8 | 25.8                            |                            |      |      |      |      |      |      |      |      |      |
| C <sub>d</sub>                 |                       |     |                  |     | [dB]              | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0                             |                            |      |      |      |      |      |      |      |      |      |
| Uitstralende gevel, DI =3      |                       |     |                  |     |                   |      |      |      |      |      |      |      |      | [dB]                            | 3.0                        | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  |      |      |      |
|                                |                       |     |                  |     |                   |      |      |      |      |      |      |      |      | [dB(A)]                         | 62.4                       | 60.4 | 71.4 | 70.4 | 71.4 | 73.4 | 73.4 | 70.4 | 58.4 | 79.8 |

|                                |            |     |                      |                           |         |      |      |      |      |      |           |                                                 |      |      |      |    |    |    |    |        |  |
|--------------------------------|------------|-----|----------------------|---------------------------|---------|------|------|------|------|------|-----------|-------------------------------------------------|------|------|------|----|----|----|----|--------|--|
| Bronnummer:                    | 413 en 414 |     |                      |                           |         |      |      |      |      |      | Bronnaam: | dak rookgasreiniging                            |      |      |      |    |    |    |    |        |  |
| Methode II.7                   |            |     |                      |                           |         |      |      |      |      |      |           | Save:<br>Datum:                                 |      |      |      |    |    |    |    |        |  |
| Frequentie                     | [Hz]       |     |                      |                           |         |      |      |      |      |      | 31.5      | 63                                              | 125  | 250  | 500  | 1k | 2k | 4k | 8k | Totaal |  |
| Omschrijving hoofdbestanddeel: |            |     |                      |                           |         |      |      |      |      |      |           | staal geprof., 0.7mm (50% opp.met grond bedekt) |      |      |      |    |    |    |    |        |  |
| Materiaal                      |            |     |                      |                           |         |      |      |      |      |      |           |                                                 |      |      |      |    |    |    |    |        |  |
|                                | nr.        | 109 | S <sub>1</sub> : 225 | [m <sup>2</sup> ]         | 5       | 11   | 13   | 19   | 22   | 24   | 27        | 29                                              | 33   |      |      |    |    |    |    |        |  |
|                                | nr.        | 0   | S <sub>2</sub> : 0   | [m <sup>2</sup> ]         | 0       | 0    | 0    | 0    | 0    | 0    | 0         | 0                                               | 0    |      |      |    |    |    |    |        |  |
|                                | nr.        | 0   | S <sub>3</sub> : 0   | [m <sup>2</sup> ]         | 0       | 0    | 0    | 0    | 0    | 0    | 0         | 0                                               | 0    |      |      |    |    |    |    |        |  |
|                                | nr.        | 0   | S <sub>4</sub> : 0   | [m <sup>2</sup> ]         | 0       | 0    | 0    | 0    | 0    | 0    | 0         | 0                                               | 0    |      |      |    |    |    |    |        |  |
|                                | nr.        | 0   | S <sub>5</sub> : 0   | [m <sup>2</sup> ]         | 0       | 0    | 0    | 0    | 0    | 0    | 0         | 0                                               | 0    |      |      |    |    |    |    |        |  |
| R <sub>S</sub>                 |            |     |                      | S <sub>Totaal</sub> : 225 | [dB]    | 5.0  | 11.0 | 13.0 | 19.0 | 22.0 | 24.0      | 27.0                                            | 29.0 | 33.0 |      |    |    |    |    |        |  |
| L <sub>p</sub>                 |            |     |                      |                           | [dB(A)] | 38.6 | 42.6 | 55.6 | 60.6 | 64.6 | 68.6      | 71.6                                            | 70.6 | 62.6 | 76.0 |    |    |    |    |        |  |
| 10 log(S)                      |            |     |                      |                           | [dB]    | 23.5 | 23.5 | 23.5 | 23.5 | 23.5 | 23.5      | 23.5                                            | 23.5 | 23.5 |      |    |    |    |    |        |  |
| C <sub>d</sub>                 |            |     |                      |                           | [dB]    | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0       | 3.0                                             | 3.0  | 3.0  |      |    |    |    |    |        |  |
| Uitstralend dak, DI = 0        |            |     |                      |                           | [dB]    | 0.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0       | 2.0                                             | 2.0  |      |      |    |    |    |    |        |  |
| L <sub>WR</sub>                |            |     |                      |                           | [dB(A)] | 54.1 | 52.1 | 65.1 | 64.1 | 65.1 | 67.1      | 67.1                                            | 64.1 | 52.1 | 73.5 |    |    |    |    |        |  |



## Methode II.7

 Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                |     |                                 |         |                                   |      |      |      |      |      |      |      |        |      |
|--------------------------------|-----|---------------------------------|---------|-----------------------------------|------|------|------|------|------|------|------|--------|------|
| Bronnummer: 437 en 438         |     |                                 |         | Bronnaam: oostgevel turbineruimte |      |      |      |      |      |      |      |        |      |
| Methode II.7                   |     |                                 |         | Save:<br>Datum:                   |      |      |      |      |      |      |      |        |      |
| Frequentie                     |     | [Hz]                            | 31.5    | 63                                | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |      |
| Omschrijving hoofdconstructie: |     | staal geprofileerd, dikte 0.7mm |         |                                   |      |      |      |      |      |      |      |        |      |
| Materiaal                      |     |                                 |         |                                   |      |      |      |      |      |      |      |        |      |
| nr.                            | 108 | S <sub>1</sub> : 347            | [m²]    | 2                                 | 8    | 10   | 16   | 19   | 21   | 24   | 26   | 30     |      |
| nr.                            | 0   | S <sub>2</sub> : 0              | [m²]    | 0                                 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
| nr.                            | 0   | S <sub>3</sub> : 0              | [m²]    | 0                                 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
| nr.                            | 0   | S <sub>4</sub> : 0              | [m²]    | 0                                 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
| nr.                            | 0   | S <sub>5</sub> : 0              | [m²]    | 0                                 | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
| R <sub>s</sub>                 |     | S <sub>totaal</sub> : 347       | [dB]    | 2.0                               | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0 | 30.0   |      |
| L <sub>p</sub>                 |     |                                 | [dB(A)] | 56.0                              | 63.0 | 70.0 | 73.0 | 76.0 | 78.0 | 80.0 | 73.0 | 75.0   | 84.6 |
| 10 log(S)                      |     |                                 | [dB]    | 25.4                              | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4 | 25.4   |      |
| C <sub>d</sub>                 |     |                                 | [dB]    | 3.0                               | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    |      |
| Uitstralende gevel, DI =3      |     |                                 | [dB]    | 3.0                               | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    |      |
| L <sub>WR</sub>                |     |                                 | [dB(A)] | 79.4                              | 80.4 | 85.4 | 82.4 | 82.4 | 82.4 | 81.4 | 72.4 | 70.4   | 90.9 |

|                                |     |                                 |                      |                   |      |           |      |      |                                   |      |      |      |        |      |  |
|--------------------------------|-----|---------------------------------|----------------------|-------------------|------|-----------|------|------|-----------------------------------|------|------|------|--------|------|--|
| Bronnummer:                    |     |                                 | 436 en 439           |                   |      | Bronnaam: |      |      | noord- en zuidgevel turbineruimte |      |      |      |        |      |  |
| Methode II.7                   |     |                                 |                      |                   |      |           |      |      |                                   |      |      |      | Save:  |      |  |
|                                |     |                                 |                      |                   |      |           |      |      |                                   |      |      |      | Datum: |      |  |
| Frequentie                     |     | [Hz]                            |                      | 31.5              | 63   | 125       | 250  | 500  | 1k                                | 2k   | 4k   | 8k   | Totaal |      |  |
| Omschrijving hoofdconstructie: |     | staal geprofileerd, dikte 0.7mm |                      |                   |      |           |      |      |                                   |      |      |      |        |      |  |
| Materiaal                      |     |                                 |                      |                   |      |           |      |      |                                   |      |      |      |        |      |  |
|                                | nr. | 108                             | S <sub>1</sub> : 378 | [m <sup>2</sup> ] | 2    | 8         | 10   | 16   | 19                                | 21   | 24   | 26   | 30     |      |  |
|                                | nr. | 0                               | S <sub>2</sub> : 0   | [m <sup>2</sup> ] | 0    | 0         | 0    | 0    | 0                                 | 0    | 0    | 0    | 0      |      |  |
|                                | nr. | 0                               | S <sub>3</sub> : 0   | [m <sup>2</sup> ] | 0    | 0         | 0    | 0    | 0                                 | 0    | 0    | 0    | 0      |      |  |
|                                | nr. | 0                               | S <sub>4</sub> : 0   | [m <sup>2</sup> ] | 0    | 0         | 0    | 0    | 0                                 | 0    | 0    | 0    | 0      |      |  |
|                                | nr. | 0                               | S <sub>5</sub> : 0   | [m <sup>2</sup> ] | 0    | 0         | 0    | 0    | 0                                 | 0    | 0    | 0    | 0      |      |  |
| R <sub>s</sub>                 |     | S <sub>totaal</sub> : 378       |                      | [dB]              | 2.0  | 8.0       | 10.0 | 16.0 | 19.0                              | 21.0 | 24.0 | 26.0 | 30.0   |      |  |
| L <sub>p</sub>                 |     |                                 |                      | [dB(A)]           | 56.0 | 63.0      | 70.0 | 73.0 | 76.0                              | 78.0 | 80.0 | 73.0 | 75.0   | 84.6 |  |
| 10 log(S)                      |     |                                 |                      | [dB]              | 25.8 | 25.8      | 25.8 | 25.8 | 25.8                              | 25.8 | 25.8 | 25.8 | 25.8   |      |  |
| C <sub>d</sub>                 |     |                                 |                      | [dB]              | 3.0  | 3.0       | 3.0  | 3.0  | 3.0                               | 3.0  | 3.0  | 3.0  | 3.0    |      |  |
| Uitstralende gevel, DI =3      |     |                                 |                      | [dB]              | 3.0  | 3.0       | 3.0  | 3.0  | 3.0                               | 3.0  | 3.0  | 3.0  | 3.0    |      |  |
| L <sub>WR</sub>                |     |                                 |                      | [dB(A)]           | 79.8 | 80.8      | 85.8 | 82.8 | 82.8                              | 82.8 | 81.8 | 72.8 | 70.8   | 91.3 |  |

|                                                                                |      |                           |                   |                             |      |      |      |      |      |      |        |      |      |
|--------------------------------------------------------------------------------|------|---------------------------|-------------------|-----------------------------|------|------|------|------|------|------|--------|------|------|
| Bronnummer: 440 en 469                                                         |      |                           |                   | Bronnaam: dak turbineruimte |      |      |      |      |      |      |        |      |      |
| Methode II.7                                                                   |      |                           |                   | Save: Datum:                |      |      |      |      |      |      |        |      |      |
| Frequentie                                                                     | [Hz] | 31.5                      | 63                | 125                         | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |      |      |
| Omschrijving hoofdbestanddeel: staal geprof., 0.7mm (50% opp.met grond bedekt) |      |                           |                   |                             |      |      |      |      |      |      |        |      |      |
| Materiaal                                                                      |      |                           |                   |                             |      |      |      |      |      |      |        |      |      |
| nr.                                                                            | 109  | S <sub>1</sub> : 297      | [m <sup>2</sup> ] | 5                           | 11   | 13   | 19   | 22   | 24   | 27   | 29     | 33   |      |
| nr.                                                                            | 0    | S <sub>2</sub> : 0        | [m <sup>2</sup> ] | 0                           | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0    |      |
| nr.                                                                            | 0    | S <sub>3</sub> : 0        | [m <sup>2</sup> ] | 0                           | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0    |      |
| nr.                                                                            | 0    | S <sub>4</sub> : 0        | [m <sup>2</sup> ] | 0                           | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0    |      |
| nr.                                                                            | 0    | S <sub>5</sub> : 0        | [m <sup>2</sup> ] | 0                           | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0    |      |
| R <sub>s</sub>                                                                 |      | S <sub>totaal</sub> : 297 | [dB]              | 5.0                         | 11.0 | 13.0 | 19.0 | 22.0 | 24.0 | 27.0 | 29.0   | 33.0 |      |
| L <sub>p</sub>                                                                 |      |                           | [dB(A)]           | 56.0                        | 63.0 | 70.0 | 73.0 | 76.0 | 78.0 | 80.0 | 73.0   | 75.0 | 84.6 |
| 10 log(S)                                                                      |      |                           | [dB]              | 24.7                        | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7 | 24.7   | 24.7 |      |
| C <sub>d</sub>                                                                 |      |                           | [dB]              | 3.0                         | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    | 3.0  |      |
| Uitstralend dak, DI =0                                                         |      |                           |                   | [dB]                        | 0.0  | 0.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0    | 2.0  |      |
| L <sub>WR</sub>                                                                |      |                           | [dB(A)]           | 72.7                        | 73.7 | 80.7 | 77.7 | 77.7 | 77.7 | 76.7 | 67.7   | 65.7 | 86.0 |



Projectnummer: 2006.0311  
Bedrijf: AVR Rozenburg

|                                |                                 |           |                                |      |      |      |      |      |      |      |        |                     |      |
|--------------------------------|---------------------------------|-----------|--------------------------------|------|------|------|------|------|------|------|--------|---------------------|------|
| Bronnummer:                    | 426                             | Bronnaam: |                                |      |      |      |      |      |      |      |        | zuidgevel ketelhuis |      |
| Methode II,7                   |                                 |           |                                |      |      |      |      |      |      |      |        | Save:<br>Datum:     |      |
| Frequentie                     | [Hz]                            | 31.5      | 63                             | 125  | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |                     |      |
| Omschrijving hoofdconstructie: | staal geprofileerd, dikte 0.7mm |           |                                |      |      |      |      |      |      |      |        |                     |      |
| Materiaal                      |                                 |           |                                |      |      |      |      |      |      |      |        |                     |      |
|                                | nr.                             | 108       | S <sub>1</sub> : 162 [m²]      | 2    | 8    | 10   | 16   | 19   | 21   | 24   | 26     | 30                  |      |
|                                | nr.                             | 0         | S <sub>2</sub> : 0 [m²]        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0                   |      |
|                                | nr.                             | 0         | S <sub>3</sub> : 0 [m²]        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0                   |      |
|                                | nr.                             | 0         | S <sub>4</sub> : 0 [m²]        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0                   |      |
|                                | nr.                             | 0         | S <sub>5</sub> : 0 [m²]        | 0    | 0    | 0    | 0    | 0    | 0    | 0    | 0      | 0                   |      |
| R <sub>s</sub>                 |                                 |           | S <sub>totaal</sub> : 162 [dB] | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0   | 30.0                |      |
| L <sub>p</sub>                 |                                 |           | [dB(A)]                        | 44.4 | 55.4 | 58.4 | 66.4 | 72.4 | 75.4 | 78.1 | 75.1   | 64.1                | 82.0 |
| 10 log(S)                      |                                 |           | [dB]                           | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1 | 22.1   | 22.1                |      |
| C <sub>d</sub>                 |                                 |           | [dB]                           | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    | 3.0                 |      |
| Uitstralende gevel, DI =3      |                                 |           | [dB]                           | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    | 3.0                 |      |
| L <sub>wR</sub>                |                                 |           | [dB(A)]                        | 64.5 | 69.5 | 70.5 | 72.5 | 75.5 | 76.5 | 76.2 | 71.2   | 56.2                | 82.5 |

|                                |                                 |      |                                        |      |                                                     |      |      |      |      |      |        |      |
|--------------------------------|---------------------------------|------|----------------------------------------|------|-----------------------------------------------------|------|------|------|------|------|--------|------|
| Bronnummer:                    | 453 en 454                      |      |                                        |      | Bronnaam: oost- en westgevel toren transportsysteem |      |      |      |      |      |        |      |
| Methode II.7                   | Save: Datum:                    |      |                                        |      |                                                     |      |      |      |      |      |        |      |
| Frequentie                     | [Hz]                            | 31.5 | 63                                     | 125  | 250                                                 | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |      |
| Omschrijving hoofdconstructie: | staal geprofileerd, dikte 0.7mm |      |                                        |      |                                                     |      |      |      |      |      |        |      |
| Materiaal                      |                                 |      |                                        |      |                                                     |      |      |      |      |      |        |      |
|                                | nr.                             | 108  | S <sub>1</sub> : 120 [m <sup>2</sup> ] | 2    | 8                                                   | 10   | 16   | 19   | 21   | 24   | 26     | 30   |
|                                | nr.                             | 0    | S <sub>2</sub> : 0 [m <sup>2</sup> ]   | 0    | 0                                                   | 0    | 0    | 0    | 0    | 0    | 0      | 0    |
|                                | nr.                             | 0    | S <sub>3</sub> : 0 [m <sup>2</sup> ]   | 0    | 0                                                   | 0    | 0    | 0    | 0    | 0    | 0      | 0    |
|                                | nr.                             | 0    | S <sub>4</sub> : 0 [m <sup>2</sup> ]   | 0    | 0                                                   | 0    | 0    | 0    | 0    | 0    | 0      | 0    |
|                                | nr.                             | 0    | S <sub>5</sub> : 0 [m <sup>2</sup> ]   | 0    | 0                                                   | 0    | 0    | 0    | 0    | 0    | 0      | 0    |
| R <sub>S</sub>                 |                                 |      | S <sub>Totaal</sub> : 120 [dB]         | 2.0  | 8.0                                                 | 10.0 | 16.0 | 19.0 | 21.0 | 24.0 | 26.0   | 30.0 |
| L <sub>p</sub>                 |                                 |      | [dB(A)]                                | 61.5 | 62.5                                                | 71.5 | 78.5 | 84.5 | 87.3 | 90.2 | 86.2   | 81.2 |
| 10 log(S)                      |                                 |      | [dB]                                   | 20.8 | 20.8                                                | 20.8 | 20.8 | 20.8 | 20.8 | 20.8 | 20.8   | 20.8 |
| C <sub>d</sub>                 |                                 |      | [dB]                                   | 3.0  | 3.0                                                 | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    | 3.0  |
| Uitstralende gevel, DI =3      |                                 |      | [dB]                                   | 3.0  | 3.0                                                 | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    | 3.0  |
| L <sub>WR</sub>                |                                 |      | [dB(A)]                                | 80.3 | 75.3                                                | 82.3 | 83.3 | 86.3 | 87.1 | 87.0 | 81.0   | 72.0 |
|                                |                                 |      |                                        | 80.3 | 75.3                                                | 82.3 | 83.3 | 86.3 | 87.1 | 87.0 | 81.0   | 93.2 |

|                                |     |     |     |                  |    |                                 |   |    |         |      |      |      |      |      |      |                                  |      |      |      |        |
|--------------------------------|-----|-----|-----|------------------|----|---------------------------------|---|----|---------|------|------|------|------|------|------|----------------------------------|------|------|------|--------|
| Bronnummer:                    | 455 |     |     |                  |    | Bronnaam:                       |   |    |         |      |      |      |      |      |      | zuidgevel toren transportsysteem |      |      |      |        |
| Methode II.7                   |     |     |     |                  |    |                                 |   |    |         |      |      |      |      |      |      | Save:                            |      |      |      |        |
|                                |     |     |     |                  |    |                                 |   |    |         |      |      |      |      |      |      | Datum:                           |      |      |      |        |
| Frequentie                     |     |     |     |                  |    | {Hz}                            |   |    |         |      | 31.5 | 63   | 125  | 250  | 500  | 1k                               | 2k   | 4k   | 8k   | Totaal |
| Omschrijving hoofdbestanddeel: |     |     |     |                  |    | staal geprofileerd, dikte 0.7mm |   |    |         |      |      |      |      |      |      |                                  |      |      |      |        |
| Materiaal                      |     |     |     |                  |    |                                 |   |    |         |      |      |      |      |      |      |                                  |      |      |      |        |
|                                |     | nr. | 108 | S <sub>1</sub> : | 54 | [m <sup>2</sup> ]               | 2 | 8  | 10      | 16   | 19   | 21   | 24   | 26   | 30   |                                  |      |      |      |        |
|                                |     | nr. | 0   | S <sub>2</sub> : | 0  | [m <sup>2</sup> ]               | 0 | 0  | 0       | 0    | 0    | 0    | 0    | 0    | 0    |                                  |      |      |      |        |
|                                |     | nr. | 0   | S <sub>3</sub> : | 0  | [m <sup>2</sup> ]               | 0 | 0  | 0       | 0    | 0    | 0    | 0    | 0    | 0    |                                  |      |      |      |        |
|                                |     | nr. | 0   | S <sub>4</sub> : | 0  | [m <sup>2</sup> ]               | 0 | 0  | 0       | 0    | 0    | 0    | 0    | 0    | 0    |                                  |      |      |      |        |
|                                |     | nr. | 0   | S <sub>5</sub> : | 0  | [m <sup>2</sup> ]               | 0 | 0  | 0       | 0    | 0    | 0    | 0    | 0    | 0    |                                  |      |      |      |        |
| R <sub>S</sub>                 |     |     |     |                  |    | S <sub>Totaal</sub> :           |   | 54 | [dB]    | 2.0  | 8.0  | 10.0 | 16.0 | 19.0 | 21.0 | 24.0                             | 26.0 | 30.0 |      |        |
| L <sub>p</sub>                 |     |     |     |                  |    |                                 |   |    | [dB(A)] | 61.5 | 62.5 | 71.5 | 78.5 | 84.5 | 87.3 | 90.2                             | 86.2 | 81.2 | 94.0 |        |
| 10 log(S)                      |     |     |     |                  |    |                                 |   |    | [dB]    | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3 | 17.3                             | 17.3 | 17.3 |      |        |
| C <sub>d</sub>                 |     |     |     |                  |    |                                 |   |    | [dB]    | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0                              | 3.0  | 3.0  |      |        |
| Uitstralende gevel, DI =3      |     |     |     |                  |    |                                 |   |    | [dB]    | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0                              | 3.0  | 3.0  |      |        |
| L <sub>WR</sub>                |     |     |     |                  |    |                                 |   |    | [dB(A)] | 76.8 | 71.8 | 78.8 | 79.8 | 82.8 | 83.6 | 83.5                             | 77.5 | 68.5 | 89.8 |        |

## Methode II.7

Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                                |     |      |                          |                                                 |      |                            |      |      |      |      |      |      |        |      |
|--------------------------------|-----|------|--------------------------|-------------------------------------------------|------|----------------------------|------|------|------|------|------|------|--------|------|
| Bronnummer:                    |     | 457  |                          | Bronnaam:                                       |      | dak toren transportsysteem |      |      |      |      |      |      |        |      |
| Methode II.7                   |     |      |                          | Save:                                           |      |                            |      |      |      |      |      |      |        |      |
|                                |     |      |                          | Datum:                                          |      |                            |      |      |      |      |      |      |        |      |
| Frequentie                     |     | [Hz] |                          | 31.5                                            | 63   | 125                        | 250  | 500  | 1k   | 2k   | 4k   | 8k   | Totaal |      |
| Omschrijving hoofdconstructie: |     |      |                          | staal geprof., 0.7mm (50% opp.met grond bedekt) |      |                            |      |      |      |      |      |      |        |      |
| Materiaal                      |     |      |                          |                                                 |      |                            |      |      |      |      |      |      |        |      |
|                                | nr. | 109  | S <sub>1</sub> : 45      | [m²]                                            | 5    | 11                         | 13   | 19   | 22   | 24   | 27   | 29   | 33     |      |
|                                | nr. | 0    | S <sub>2</sub> : 0       | [m²]                                            | 0    | 0                          | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
|                                | nr. | 0    | S <sub>3</sub> : 0       | [m²]                                            | 0    | 0                          | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
|                                | nr. | 0    | S <sub>4</sub> : 0       | [m²]                                            | 0    | 0                          | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
|                                | nr. | 0    | S <sub>5</sub> : 0       | [m²]                                            | 0    | 0                          | 0    | 0    | 0    | 0    | 0    | 0    | 0      |      |
|                                |     |      | S <sub>totaal</sub> : 45 |                                                 |      |                            |      |      |      |      |      |      |        |      |
| R <sub>s</sub>                 |     |      |                          | [dB]                                            | 5.0  | 11.0                       | 13.0 | 19.0 | 22.0 | 24.0 | 27.0 | 29.0 | 33.0   |      |
| L <sub>p</sub>                 |     |      |                          | [dB(A)]                                         | 61.5 | 62.5                       | 71.5 | 78.5 | 84.5 | 87.3 | 90.2 | 86.2 | 81.2   | 94.0 |
| 10 log(S)                      |     |      |                          | [dB]                                            | 16.5 | 16.5                       | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5 | 16.5   |      |
| C <sub>d</sub>                 |     |      |                          | [dB]                                            | 3.0  | 3.0                        | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0  | 3.0    |      |
| Uitstralend dak, DI =0 [dB]    |     |      |                          | [dB]                                            | 0.0  | 0.0                        | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0  | 2.0    |      |
| L <sub>WR</sub>                |     |      |                          | [dB(A)]                                         | 70.0 | 65.0                       | 74.0 | 75.0 | 78.0 | 78.8 | 78.7 | 72.7 | 63.7   | 84.9 |

## Methode II.2

Projectnummer: 2006.0311  
 Bedrijf: AVR Rozenburg

|                            |         |           |               |      |       |        |       |       |      |      |        |
|----------------------------|---------|-----------|---------------|------|-------|--------|-------|-------|------|------|--------|
| Bronnummer:                | 458     | Bronnaam: | Dumpcondensor |      |       |        |       |       |      |      |        |
| Bronhoogte:                | $h_b$   | 4.8 m     | Meetafstand:  | $r$  | 15 m  |        |       |       |      |      |        |
| Meethoogte:                | $h_o$   | 5 m       |               |      | 0     |        |       |       |      |      |        |
|                            |         |           |               |      | 0     |        |       |       |      |      |        |
| Methode II.2               |         | halve bol |               |      | 0     |        |       |       |      |      |        |
|                            |         |           |               |      |       | save:  |       |       |      |      |        |
|                            |         |           |               |      |       | datum: |       |       |      |      |        |
| Frequentie                 | [Hz]    | 31.5      | 63            | 125  | 250   | 500    | 1000  | 2000  | 4000 | 8000 | Totaal |
| $L_p$                      | [dB(A)] | 40.8      | 54.0          | 59.0 | 67.6  | 70.5   | 70.6  | 69.8  | 65.1 | 63.4 | 76.3   |
| Correcties voor reflecties | [dB]    | 0.0       | 0.0           | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   | 0.0  | 0.0  |        |
| $D_{geo}$                  | [dB]    | 34.5      | 34.5          | 34.5 | 34.5  | 34.5   | 34.5  | 34.5  | 34.5 | 34.5 |        |
| $a_{uR}$                   | [dB]    | 0.0       | 0.0           | 0.0  | 0.0   | 0.0    | 0.0   | 0.0   | 0.0  | 0.0  |        |
| $D_{bodem}$                | [dB]    | -2.0      | -2.0          | -2.0 | -2.0  | -2.0   | -2.0  | -2.0  | -2.0 | -2.0 |        |
| $L_{wym}$                  | [dB(A)] | 73.3      | 86.5          | 91.5 | 100.1 | 103.0  | 103.1 | 102.3 | 97.6 | 85.9 | 108.8  |

**BIJLAGE VI**

Berekening bedrijfduur BEC

# Berekening bedrijfsduurcorrectie $C_b$

Projectnummer: 2006.1330  
Situatie: BEC

## Transporten

| Bron-nummers | Route                   | Voertuig     | Lengte [m] | Snelheid [km/u] | Aantal bronnen | Bewegingen |              |              | Bedrijfsduurcorr [dB] |              |              |
|--------------|-------------------------|--------------|------------|-----------------|----------------|------------|--------------|--------------|-----------------------|--------------|--------------|
|              |                         |              |            |                 |                | Dagperiode | Avondperiode | Nachtperiode | Dagperiode            | Avondperiode | Nachtperiode |
| 471 - 474    | aanvoer hulpstoffen     | vrachtwagens | 400        | 10              | 4              | 3          | 0            | 0            | 26.0                  | 99.0         | 99.0         |
| 475 - 478    | hout ASI-2 naar uitgang | vrachtwagens | 1100       | 10              | 4              | 22         | 0            | 0            | 13.0                  | 99.0         | 99.0         |
| 479 - 482    | hout ASI-2 naar BEC     | vrachtwagens | 300        | 10              | 4              | 22         | 0            | 0            | 18.6                  | 99.0         | 99.0         |
| 483 - 486    | hout naar BEC           | vrachtwagens | 300        | 10              | 4              | 43         | 0            | 0            | 15.7                  | 99.0         | 99.0         |

## Werkzaamheden

| Bron-nummers | Locatie     | Voertuig/Installatie | Aantal bronnen | Bedrijfsduur [uren] |              |              | Bedrijfsduurcorr [dB] |              |              |
|--------------|-------------|----------------------|----------------|---------------------|--------------|--------------|-----------------------|--------------|--------------|
|              |             |                      |                | Dagperiode          | Avondperiode | Nachtperiode | Dagperiode            | Avondperiode | Nachtperiode |
| 470 - 470    | ketelruimte | container wisselen   | 1              | 0.1                 | 0.0          | 0.0          | 22.6                  | 99.0         | 99.0         |

### Berekening $C_b$ transporten

$$C_b = -10 \cdot \log \left( \frac{N \cdot l}{n \cdot v \cdot T_0} \right)$$

$C_b$  = bedrijfsduurcorrectie [dB]  
 $N$  = aantal bewegingen [-]  
 $l$  = lengte [km]  
 $n$  = aantal bronnen [-]  
 $v$  = snelheid [km/uur]  
 $T_0$  = beoordelingsperiode [12/4/8 uur]

### berekening $C_b$ werkzaamheden

$$C_b = -10 \cdot \log \left( \frac{T}{n \cdot T_0} \right)$$

$C_b$  = bedrijfsduurcorrectie [dB]  
 $T$  = bedrijfsduur [uren]  
 $n$  = aantal bronnen [-]  
 $T_0$  = beoordelingsperiode [12/4/8 uur]



**BIJLAGE VII**

Overzicht gebouwen en geluidbronnen voorgenomen activiteit

Overzicht gebouwen BEC  
voorgenomen activiteit BEC

Model:SI2 Import 21-02-2006 - MVG06007.SI2 - Uitvoeringsalternatief I BEC  
Groep:BEC  
Lijst van Gebouwen, voor rekenmethode Industrielawaai - IL

| Id   | Omschrijving              | X-hoek1 | Y-hoek1  | X-hoek2 | Y-hoek2  | X-hoek3 | Y-hoek3  | Mvld | Hoogte |
|------|---------------------------|---------|----------|---------|----------|---------|----------|------|--------|
| 4201 | AVR BEC Rookgasreiniging  | 78328.1 | 434839.5 | 78320.9 | 434865.9 | 78338.2 | 434870.6 | 14.5 | 21.0   |
| 4202 | AVR BEC Ketelgebouw en Tu | 78338.2 | 434870.6 | 78354.0 | 434874.9 | 78346.4 | 434902.4 | 14.5 | 21.0   |
| 4203 | AVR BEC ketelgebouw       | 78313.5 | 434893.2 | 78321.1 | 434865.8 | 78338.2 | 434870.6 | 14.5 | 30.0   |
| 4204 | AVR BEC opslaghal         | 78270.7 | 435010.6 | 78304.5 | 434892.6 | 78263.3 | 434880.8 | 14.5 | 17.2   |
| 4206 | transporttoren            | 78263.2 | 434880.8 | 78265.4 | 434873.9 | 78269.8 | 434875.2 | 14.5 | 10.0   |

Weergegeven wordt de reflectiefactor van 31 Hz

Overzicht gebouwen BEC  
voorgenomen activiteit BEC

Model:SI2 Import 21-02-2006 - MVG06007.SI2 - Uitvoeringsalternatief I BEC  
Groep:BEC  
Lijst van Gebouwen, voor rekenmethode Industrielawaai - IL

| Id   | Refl. | Cp  | Koppel1 | Koppel2 |
|------|-------|-----|---------|---------|
| 4201 | 0.8   | 0.0 | --      | --      |
| 4202 | 0.8   | 0.0 | --      | --      |
| 4203 | 0.8   | 0.0 | --      | --      |
| 4204 | 0.1   | 0.0 | --      | --      |
| 4206 | 0.8   | 0.0 | --      | --      |

Weergegeven wordt de reflectiefactor van 31 Hz

Overzicht geluidbronnen BEC  
voorgenomen activiteit

Model:SI2 Import 21-02-2006 - MVG06007.SI2 - Voorgenomen activiteit BEC  
Groep:BEC  
Lijst van Puntbronnen, voor rekenmethode Industrielawaai - IL

| Id  | Omschrijving              | X       | Y        | Mvld | Hoogte | Refl. | Demp. | Richtingsindex |
|-----|---------------------------|---------|----------|------|--------|-------|-------|----------------|
| 413 | rookgasreiniging dak      | 78335.1 | 434845.9 | 35.5 | 0.1    | --    | --    | 360.0/0.0      |
| 414 | rookgasreiniging dak      | 78331.9 | 434858.9 | 35.5 | 0.1    | --    | --    | 360.0/0.0      |
| 415 | rookgasreiniging zuidgeve | 78336.9 | 434841.8 | 14.5 | 14.0   | 4201  | --    | 360.0/0.0      |
| 416 | rookgasreiniging westgeve | 78326.5 | 434845.0 | 14.5 | 14.0   | 4201  | --    | 360.0/0.0      |
| 417 | rookgasreiniging oostgeve | 78344.2 | 434848.9 | 14.5 | 14.0   | 4201  | --    | 360.0/0.0      |
| 418 | rookgasreiniging westgeve | 78322.7 | 434859.1 | 14.5 | 14.0   | 4201  | --    | 360.0/0.0      |
| 419 | rookgasreiniging oostgeve | 78340.1 | 434864.0 | 14.5 | 14.0   | 4201  | --    | 360.0/0.0      |
| 420 | schoorsteen top           | 78347.8 | 434845.6 | 14.5 | 80.0   | --    | --    | 360.0/0.0      |
| 421 | ketelhuis thv ECO dak     | 78327.4 | 434873.9 | 44.5 | 0.1    | --    | --    | 360.0/0.0      |
| 422 | ketelhuis dak             | 78323.8 | 434888.3 | 44.5 | 0.1    | --    | --    | 360.0/0.0      |
| 423 | ketelhuis noordgevel      | 78321.5 | 434895.5 | 14.5 | 20.0   | 4203  | --    | 360.0/0.0      |
| 424 | ketelhuis oostgevel       | 78332.3 | 434892.2 | 14.5 | 27.0   | 4203  | --    | 360.0/0.0      |
| 425 | ketelhuis thv ECO oostgev | 78337.0 | 434875.1 | 14.5 | 27.0   | 4203  | --    | 360.0/0.0      |
| 426 | ketelhuis thv ECO zuidgev | 78329.1 | 434868.0 | 14.5 | 27.0   | 4203  | --    | 360.0/0.0      |
| 431 | ketelhuis thv ECO westgev | 78319.5 | 434871.2 | 14.5 | 20.0   | 4203  | --    | 360.0/0.0      |
| 432 | ketelhuis westgevel       | 78314.8 | 434888.0 | 14.5 | 20.0   | 4203  | --    | 360.0/0.0      |
| 435 | aanzuigrooster prim/sec 1 | 78324.9 | 434885.6 | 14.5 | 2.0    | --    | 4203  | 360.0/0.0      |
| 436 | turbineruimte noordgevel  | 78338.4 | 434900.3 | 14.5 | 14.0   | 4202  | --    | 360.0/0.0      |
| 437 | turbineruimte oostgevel   | 78348.4 | 434895.6 | 14.5 | 14.0   | 4202  | --    | 360.0/0.0      |
| 438 | turbineruimte oostgevel   | 78352.6 | 434880.4 | 14.5 | 14.0   | 4202  | --    | 360.0/0.0      |
| 439 | turbineruimte zuidgevel   | 78346.3 | 434872.7 | 14.5 | 14.0   | 4202  | --    | 360.0/0.0      |
| 440 | turbineruimte dak         | 78342.1 | 434889.2 | 35.5 | 0.1    | --    | --    | 360.0/0.0      |
| 441 | inlaat ketelhuis          | 78319.9 | 434869.9 | 14.5 | 3.0    | 4203  | --    | 360.0/0.0      |
| 442 | uitlaat ketelhuis         | 78324.8 | 434871.3 | 44.5 | 1.0    | --    | --    | 360.0/0.0      |
| 443 | inlaat rookgasreiniging   | 78324.9 | 434850.8 | 14.5 | 3.0    | 4201  | --    | 360.0/0.0      |
| 444 | uitlaat rookgasreiniging  | 78333.0 | 434852.4 | 35.5 | 1.0    | --    | --    | 360.0/0.0      |
| 445 | opslaghal noordgevel      | 78249.5 | 435004.6 | 14.5 | 11.5   | --    | --    | 360.0/0.0      |
| 446 | opslaghal oostgevel       | 78278.8 | 434982.9 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 447 | opslaghal westgevel       | 78236.7 | 434972.9 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 448 | opslaghal westgevel       | 78252.0 | 434919.8 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 449 | inlaat turbineruimte      | 78349.8 | 434890.3 | 14.5 | 3.0    | 4202  | --    | 360.0/0.0      |
| 450 | ventilator dak turbinerui | 78341.5 | 434891.4 | 35.5 | 1.0    | --    | --    | 360.0/0.0      |
| 451 | opslaghal dak             | 78257.9 | 434974.2 | 31.7 | 0.1    | --    | --    | 360.0/0.0      |
| 452 | opslaghal dak             | 78274.8 | 434915.7 | 31.7 | 0.1    | --    | --    | 360.0/0.0      |
| 453 | transporttoren westgevel  | 78264.1 | 434877.7 | 14.5 | 9.0    | --    | --    | 360.0/0.0      |
| 454 | transporttoren oostgevel  | 78268.7 | 434879.1 | 14.5 | 9.0    | --    | --    | 360.0/0.0      |
| 455 | transporttoren zuidgevel  | 78267.7 | 434874.5 | 14.5 | 9.0    | --    | --    | 360.0/0.0      |
| 457 | transporttoren dak        | 78266.4 | 434878.2 | 24.5 | 0.1    | --    | --    | 360.0/0.0      |
| 458 | Dumpcondensor             | 78442.0 | 434807.5 | 14.5 | 4.8    | --    | --    | 360.0/0.0      |
| 459 | opslaghal oostgevel       | 78293.4 | 434931.8 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 460 | opslaghal zuidgevel       | 78283.8 | 434886.6 | 14.5 | 11.5   | --    | --    | 360.0/0.0      |
| 461 | opslaghal incl. shredder  | 78257.9 | 434974.2 | 31.7 | 0.1    | --    | --    | 360.0/0.0      |
| 462 | opslaghal incl. shredder  | 78274.8 | 434915.7 | 31.7 | 0.1    | --    | --    | 360.0/0.0      |
| 463 | opslaghal incl. shredder  | 78249.5 | 435004.6 | 14.5 | 11.5   | --    | --    | 360.0/0.0      |
| 464 | opslaghal incl. shredder  | 78278.8 | 434982.9 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 465 | opslaghal incl. shredder  | 78293.4 | 434931.8 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 466 | opslaghal incl. shredder  | 78236.7 | 434972.9 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 467 | opslaghal incl. shredder  | 78252.0 | 434919.8 | 14.5 | 7.3    | --    | --    | 360.0/0.0      |
| 468 | opslaghal incl. shredder  | 78283.8 | 434886.6 | 14.5 | 11.5   | --    | --    | 360.0/0.0      |
| 469 | turbineruimte dak         | 78344.8 | 434878.7 | 35.5 | 0.1    | --    | --    | 360.0/0.0      |
| 470 | container wisselen BEC    | 78324.9 | 434898.8 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 471 | aanvoer hulpstoffen       | 78236.6 | 435023.8 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 472 | aanvoer hulpstoffen       | 78289.0 | 434976.5 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 473 | aanvoer hulpstoffen       | 78303.6 | 434928.5 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 474 | aanvoer hulpstoffen       | 78324.0 | 434909.1 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 475 | afvoer hout ASI-2         | 78665.2 | 434494.4 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 476 | afvoer hout ASI-2         | 78713.8 | 434608.8 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 477 | afvoer hout ASI-2         | 78688.2 | 434719.7 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 478 | afvoer hout ASI-2         | 78697.6 | 434841.8 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 479 | aanvoer hout ASI-2        | 78239.4 | 435042.9 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 480 | aanvoer hout ASI-2        | 78288.7 | 434876.4 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 481 | aanvoer hout ASI-2        | 78245.3 | 434924.6 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 482 | aanvoer hout ASI-2        | 78228.2 | 434986.9 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 483 | aanvoer hout BEC          | 78234.9 | 435040.0 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |

De bedrijfstijdcorrecties (Cb) worden weergegeven in dB per periode

Geonoise (I-kwadraat) V4.05

30-06-2006 08:53:47

Overzicht geluidbronnen BEC  
voorgenomen activiteit

Model:SI2 Import 21-02-2006 - MVG06007.SI2 - Voorgenomen activiteit BEC

Groep:BEC

Lijst van Puntbronnen, voor rekenmethode Industrielawaai - IL

| Id  | Omschrijving              | X       | Y        | Mvld | Hoogte | Refl. | Demp. | Richtingsindex |
|-----|---------------------------|---------|----------|------|--------|-------|-------|----------------|
| 484 | aanvoer hout BEC          | 78285.3 | 434873.0 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 485 | aanvoer hout BEC          | 78245.3 | 434919.8 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 486 | aanvoer hout BEC          | 78226.7 | 434982.9 | 14.5 | 1.0    | --    | --    | 360.0/0.0      |
| 487 | roosters waterzuivering B | 78282.4 | 434817.3 | 14.5 | 2.0    | --    | --    | 360.0/0.0      |

De bedrijfstijdcorrecties (Cb) worden weergegeven in dB per periode



Overzicht geluidbronnen BEC  
voorgenomen activiteit

Model:SI2 Import 21-02-2006 - MVG06007.SI2 - Voorgenomen activiteit BEC  
Groep:BEC  
Lijst van Puntbronnen, voor rekenmethode Industrielawaai - IL

| Id  | Lwr3l | Lwr63 | Lwr125 | Lwr250 | Lwr500 | Lwr1k | Lwr2k | Lwr4k | Lwr8k | Lwr-dBA | Cb(D) | Cb(A) | Cb(N) |
|-----|-------|-------|--------|--------|--------|-------|-------|-------|-------|---------|-------|-------|-------|
| 413 | 54.1  | 52.1  | 65.1   | 64.1   | 65.1   | 67.1  | 67.1  | 64.1  | 52.1  | 73.5    | 0.00  | 0.00  | 0.00  |
| 414 | 54.1  | 52.1  | 65.1   | 64.1   | 65.1   | 67.1  | 67.1  | 64.1  | 52.1  | 73.5    | 0.00  | 0.00  | 0.00  |
| 415 | 62.4  | 60.4  | 71.4   | 70.4   | 71.4   | 73.4  | 73.4  | 70.4  | 58.4  | 79.9    | 0.00  | 0.00  | 0.00  |
| 416 | 60.8  | 58.8  | 69.8   | 68.8   | 69.8   | 71.8  | 71.8  | 68.8  | 56.8  | 78.3    | 0.00  | 0.00  | 0.00  |
| 417 | 60.8  | 58.8  | 69.8   | 68.8   | 69.8   | 71.8  | 71.8  | 68.8  | 56.8  | 78.3    | 0.00  | 0.00  | 0.00  |
| 418 | 60.8  | 58.8  | 69.8   | 68.8   | 69.8   | 71.8  | 71.8  | 68.8  | 56.8  | 78.3    | 0.00  | 0.00  | 0.00  |
| 419 | 60.8  | 58.8  | 69.8   | 68.8   | 69.8   | 71.8  | 71.8  | 68.8  | 56.8  | 78.3    | 0.00  | 0.00  | 0.00  |
| 420 | 67.0  | 76.0  | 81.0   | 82.0   | 85.0   | 84.0  | 77.0  | 66.0  | 55.0  | 89.8    | 0.00  | 0.00  | 0.00  |
| 421 | 64.2  | 69.5  | 72.8   | 76.4   | 80.8   | 83.1  | 85.0  | 81.7  | 70.3  | 89.4    | 0.00  | 0.00  | 0.00  |
| 422 | 64.2  | 69.5  | 72.8   | 76.4   | 80.8   | 83.1  | 85.0  | 81.7  | 70.3  | 89.4    | 0.00  | 0.00  | 0.00  |
| 423 | 69.7  | 74.7  | 75.7   | 77.7   | 80.7   | 81.7  | 81.4  | 76.4  | 61.4  | 87.7    | 0.00  | 0.00  | 0.00  |
| 424 | 64.2  | 69.4  | 70.6   | 74.0   | 78.3   | 80.4  | 82.2  | 78.8  | 67.4  | 86.7    | 0.00  | 0.00  | 0.00  |
| 425 | 64.2  | 69.4  | 70.6   | 74.0   | 78.3   | 80.4  | 82.2  | 78.8  | 67.4  | 86.7    | 0.00  | 0.00  | 0.00  |
| 426 | 64.5  | 69.5  | 70.5   | 72.5   | 75.5   | 76.5  | 76.2  | 71.2  | 56.2  | 82.5    | 0.00  | 0.00  | 0.00  |
| 431 | 69.3  | 74.3  | 75.3   | 77.3   | 80.3   | 81.3  | 81.0  | 76.0  | 61.0  | 87.3    | 0.00  | 0.00  | 0.00  |
| 432 | 69.3  | 74.3  | 75.3   | 77.3   | 80.3   | 81.3  | 81.0  | 76.0  | 61.0  | 87.3    | 0.00  | 0.00  | 0.00  |
| 435 | 61.4  | 73.9  | 76.2   | 87.8   | 85.9   | 88.5  | 88.7  | 84.0  | 76.8  | 94.5    | 0.00  | 0.00  | 0.00  |
| 436 | 79.8  | 80.8  | 85.8   | 82.8   | 82.8   | 82.8  | 81.8  | 72.8  | 70.8  | 91.3    | 0.00  | 0.00  | 0.00  |
| 437 | 79.4  | 80.4  | 85.4   | 82.4   | 82.4   | 82.4  | 81.4  | 72.4  | 70.4  | 90.9    | 0.00  | 0.00  | 0.00  |
| 438 | 79.4  | 80.4  | 85.4   | 82.4   | 82.4   | 82.4  | 81.4  | 72.4  | 70.4  | 90.9    | 0.00  | 0.00  | 0.00  |
| 439 | 79.8  | 80.8  | 85.8   | 82.8   | 82.8   | 82.8  | 81.8  | 72.8  | 70.8  | 91.3    | 0.00  | 0.00  | 0.00  |
| 440 | 72.7  | 73.7  | 80.7   | 77.7   | 77.7   | 77.7  | 76.7  | 67.7  | 65.7  | 85.9    | 0.00  | 0.00  | 0.00  |
| 441 | 53.6  | 62.6  | 72.2   | 76.9   | 84.1   | 85.0  | 84.4  | 77.9  | 70.3  | 90.0    | 0.00  | 0.00  | 0.00  |
| 442 | 43.9  | 67.2  | 86.0   | 87.0   | 89.0   | 88.0  | 87.0  | 84.2  | 77.9  | 95.0    | 0.00  | 0.00  | 0.00  |
| 443 | 53.6  | 62.6  | 72.2   | 76.9   | 84.1   | 85.0  | 84.4  | 77.9  | 70.3  | 90.0    | 0.00  | 0.00  | 0.00  |
| 444 | 43.9  | 67.2  | 86.0   | 87.0   | 89.0   | 88.0  | 87.0  | 84.2  | 77.9  | 95.0    | 0.00  | 0.00  | 0.00  |
| 445 | 63.3  | 65.9  | 81.8   | 88.4   | 90.9   | 90.7  | 89.0  | 80.0  | 69.0  | 96.2    | 0.38  | 0.00  | 0.00  |
| 446 | 64.3  | 65.3  | 80.3   | 82.8   | 82.7   | 80.7  | 76.2  | 65.2  | 50.3  | 88.2    | 0.38  | 0.00  | 0.00  |
| 447 | 64.3  | 65.3  | 80.3   | 82.8   | 82.7   | 80.7  | 76.2  | 65.2  | 50.3  | 88.2    | 0.38  | 0.00  | 0.00  |
| 448 | 64.3  | 65.3  | 80.3   | 82.8   | 82.7   | 80.7  | 76.2  | 65.2  | 50.3  | 88.2    | 0.38  | 0.00  | 0.00  |
| 449 | 53.6  | 62.6  | 72.2   | 76.9   | 84.1   | 85.0  | 84.4  | 77.9  | 70.3  | 90.0    | 0.00  | 0.00  | 0.00  |
| 450 | 46.9  | 70.2  | 89.0   | 90.0   | 92.0   | 91.0  | 90.0  | 87.2  | 80.9  | 98.0    | 0.00  | 0.00  | 0.00  |
| 451 | 64.3  | 65.3  | 82.3   | 84.8   | 84.7   | 82.7  | 78.2  | 67.2  | 52.3  | 90.1    | 0.38  | 0.00  | 0.00  |
| 452 | 64.3  | 65.3  | 82.3   | 84.8   | 84.7   | 82.7  | 78.2  | 67.2  | 52.3  | 90.1    | 0.38  | 0.00  | 0.00  |
| 453 | 80.3  | 75.3  | 82.3   | 83.3   | 86.3   | 87.1  | 87.0  | 81.0  | 72.0  | 93.2    | 0.00  | 0.00  | 0.00  |
| 454 | 80.3  | 75.3  | 82.3   | 83.3   | 86.3   | 87.1  | 87.0  | 81.0  | 72.0  | 93.2    | 0.00  | 0.00  | 0.00  |
| 455 | 76.8  | 71.8  | 78.8   | 79.8   | 82.8   | 83.6  | 83.5  | 77.5  | 68.5  | 89.7    | 0.00  | 0.00  | 0.00  |
| 457 | 70.0  | 65.0  | 74.0   | 75.0   | 78.0   | 78.8  | 78.7  | 72.7  | 63.7  | 84.8    | 0.00  | 0.00  | 0.00  |
| 458 | 73.3  | 86.5  | 91.5   | 100.1  | 103.0  | 103.1 | 102.3 | 97.6  | 85.9  | 108.8   | 3.01  | 3.01  | 3.01  |
| 459 | 64.3  | 65.3  | 80.3   | 82.8   | 82.7   | 80.7  | 76.2  | 65.2  | 50.3  | 88.2    | 0.38  | 0.00  | 0.00  |
| 460 | 63.3  | 65.9  | 81.8   | 88.4   | 90.9   | 90.7  | 89.0  | 80.0  | 69.0  | 96.2    | 0.38  | 0.00  | 0.00  |
| 461 | 70.6  | 71.6  | 88.6   | 91.1   | 91.0   | 89.0  | 84.5  | 73.5  | 58.6  | 96.4    | 10.79 | --    | --    |
| 462 | 70.6  | 71.6  | 88.6   | 91.1   | 91.0   | 89.0  | 84.5  | 73.5  | 58.6  | 96.4    | 10.79 | --    | --    |
| 463 | 69.6  | 72.2  | 88.1   | 94.7   | 97.2   | 97.0  | 95.3  | 86.3  | 75.3  | 102.5   | 10.79 | --    | --    |
| 464 | 70.6  | 71.6  | 86.6   | 89.1   | 89.0   | 87.0  | 82.5  | 71.5  | 56.6  | 94.5    | 10.79 | --    | --    |
| 465 | 70.6  | 71.6  | 86.6   | 89.1   | 89.0   | 87.0  | 82.5  | 71.5  | 56.6  | 94.5    | 10.79 | --    | --    |
| 466 | 70.6  | 71.6  | 86.6   | 89.1   | 89.0   | 87.0  | 82.5  | 71.5  | 56.6  | 94.5    | 10.79 | --    | --    |
| 467 | 70.6  | 71.6  | 86.6   | 89.1   | 89.0   | 87.0  | 82.5  | 71.5  | 56.6  | 94.5    | 10.79 | --    | --    |
| 468 | 69.6  | 72.2  | 88.1   | 94.7   | 97.2   | 97.0  | 95.3  | 86.3  | 75.3  | 102.5   | 10.79 | --    | --    |
| 469 | 72.7  | 73.7  | 80.7   | 77.7   | 77.7   | 77.7  | 76.7  | 67.7  | 65.7  | 85.9    | 0.00  | 0.00  | 0.00  |
| 470 | 74.9  | 81.3  | 90.8   | 94.8   | 98.2   | 100.6 | 100.1 | 94.5  | 85.0  | 105.5   | 22.60 | --    | --    |
| 471 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 26.00 | --    | --    |
| 472 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 26.00 | --    | --    |
| 473 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 26.00 | --    | --    |
| 474 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 26.00 | --    | --    |
| 475 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 13.00 | --    | --    |
| 476 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 13.00 | --    | --    |
| 477 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 13.00 | --    | --    |
| 478 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 13.00 | --    | --    |
| 479 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 18.60 | --    | --    |
| 480 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 18.60 | --    | --    |
| 481 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 18.60 | --    | --    |
| 482 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 18.60 | --    | --    |
| 483 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 15.70 | --    | --    |

De bedrijfstijdcorrecties (Cb) worden weergegeven in dB per periode

Geonoise (I-kwadraat) V4.05

30-06-2006 08:53:47

Overzicht geluidbronnen BEC  
voorgenomen activiteit

Model:SI2 Import 21-02-2006 - MVG06007.SI2 - Voorgenomen activiteit BEC  
Groep:BEC  
Lijst van Puntbronnen, voor rekenmethode Industrielawaai - IL

| Id  | Lwr31 | Lwr63 | Lwr125 | Lwr250 | Lwr500 | Lwr1k | Lwr2k | Lwr4k | Lwr8k | Lwr-dBA | Cb(D) | Cb(A) | Cb(N) |
|-----|-------|-------|--------|--------|--------|-------|-------|-------|-------|---------|-------|-------|-------|
| 484 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 15.70 | --    | --    |
| 485 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 15.70 | --    | --    |
| 486 | 79.9  | 84.9  | 91.4   | 95.2   | 95.1   | 100.9 | 99.4  | 93.4  | 85.8  | 105.0   | 15.70 | --    | --    |
| 487 | 44.7  | 57.6  | 69.0   | 77.1   | 77.4   | 75.5  | 74.3  | 68.5  | 58.8  | 82.7    | 0.00  | 0.00  | 0.00  |

De bedrijfstijdcorrecties (Cb) worden weergegeven in dB per periode