

**Report Creator**

**Project**  
 C:\11007-BIL-BALI\_090112\_kveld\Project.xml

Project Name: 11007-BIL-BALI  
 Project Version: 5  
 Project Description: Bio refinery pilot plant

**Report Configuration**  
 3D Parts [Edit... Settings]

File Path: C:\ProgramData\Autodesk\AutoCAD Plant 3D 2012 - En...  
 Output Type: One report / project  
 Target: PDF File

**Data Source**  
 Project Data  Drawing Data

- 11-11007-B1-011
- 1-11007-B1-001
- 6-11007-B1-006
- 9-11007-B1-009
- 5-11007-B1-005
- 3-11007-B1-003
- 15-11007-B1-015
- 20-11007-B1-020
- 21-11007-B1-021
- 22-11007-B1-022
- 24-11007-B1-024
- 25-11007-B1-025
- 26-11007-B1-026
- 17-11007-B1-017
- 23-11007-B1-023
- 16-11007-B1-016
- Plant 3D Drawings
  - Civil
    - Akser
    - RIB-Rørbro-3D-swg
    - Tie in exist
    - ARK-modell-3DView
    - Bali-3DView-3D
    - Rørbro eksisterende
  - Equipment
    - Equipment
    - Utstyrskladd\_BHD
    - Utstyrskladd\_SBA
  - BALI-MEK-Assy
  - Piping
    - Bali Piping Assy
    - Piping\_1500
    - Piping\_0700
    - Piping\_0600
    - Piping\_0800\_0900
    - Piping\_6000
    - Piping\_3000
    - Piping\_4000
    - Piping\_5000
    - Piping\_0500
    - Piping\_0300
    - Piping\_0400
    - Piping\_0100-0200
  - Mek\_Navis

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**Preview**

File View Background

121%

# Bill of Material

Autodesk

Project: 11007-BIL-BALI

| Quantity                         | Unit | Description  | ND     | Standard     | Schedule | Material | PN | Angle |
|----------------------------------|------|--|--------|--------------|----------|----------|----|-------|
| <b>Type: Pipe</b>                |      |  |        |              |          |          |    |       |
| 5451                             | mm   | Pipe DIN EN 10220-33.7x2.6 P235GH                            | 25 mm  | DIN EN 10220 | 2.6      | P235GH   |    |       |
| 7186                             | mm   | Pipe DIN EN 10220-42.4x2.6 P235GH                            | 32 mm  | DIN EN 10220 | 2.6      | P235GH   |    |       |
| 27253                            | mm   | Pipe DIN EN 10220-60.3x2.9 P235GH                            | 50 mm  | DIN EN 10220 | 2.9      | P235GH   |    |       |
| 1010                             | mm   | Pipe DIN EN 10220-76.1x2.9 P235GH                            | 65 mm  | DIN EN 10220 | 2.9      | P235GH   |    |       |
| 156434                           | mm   | Pipe DIN EN 10220-88.9x3.2 P235GH                            | 80 mm  | DIN EN 10220 | 3.2      | P235GH   |    |       |
| 22609                            | mm   | Pipe DIN EN 10220-114.3x3.6 P235GH                           | 100 mm | DIN EN 10220 | 3.6      | P235GH   |    |       |
| <b>Type: Bend</b>                |      |  |        |              |          |          |    |       |
| 2                                |      | Bend EN 10253-2-Typ A - building type 3D-90-33.7x2.6 P235GH  | 25 mm  | EN 10253-2   | 2.6      | P235GH   |    |       |
| 2                                |      | Bend EN 10253-2-Typ A - building type 3D-90-42.4x2.6 P235GH  | 32 mm  | EN 10253-2   | 2.6      | P235GH   |    |       |
| 9                                |      | Bend EN 10253-2-Typ A - building type 3D-90-60.3x2.9 P235GH  | 50 mm  | EN 10253-2   | 2.9      | P235GH   |    |       |
| 29                               |      | Bend EN 10253-2-Typ A - building type 3D-90-88.9x3.2 P235GH  | 80 mm  | EN 10253-2   | 3.2      | P235GH   |    |       |
| 3                                |      | Bend EN 10253-2-Typ A - building type 3D-90-114.3x3.6 P235GH | 100 mm | EN 10253-2   | 3.6      | P235GH   |    |       |
| <b>Type: Reducer, concentric</b> |      |  |        |              |          |          |    |       |
| 2                                |      | Reducer, concentric EN 10253-2-Typ A-60.3-33.7x2.9 P235GH    | 50 mm  | EN 10253-2   | 2.9      | P235GH   |    |       |
| 1                                |      | Reducer, concentric EN 10253-2-Typ A-76.1-42.4x2.9 P235GH    | 65 mm  | EN 10253-2   | 2.9      | P235GH   |    |       |
| 3                                |      | Reducer, concentric EN 10253-2-Typ A-88.9-76.1x3.2 P235GH    | 80 mm  | EN 10253-2   | 3.2      | P235GH   |    |       |
| 3                                |      | Reducer, concentric EN 10253-2-Typ A-114.3-76.1x3.6 P235GH   | 100 mm | EN 10253-2   | 3.6      | P235GH   |    |       |
| <b>Type: Flange blind</b>        |      |  |        |              |          |          |    |       |
| 1                                |      | Flange 25 ND50 EN 1092-1 Typ 5 P245GH                        | 50 mm  | EN 1092-1    |          | P245GH   | 25 |       |
| 1                                |      | Flange 25 ND80 EN 1092-1 Typ 5 P245GH                        | 80 mm  | EN 1092-1    |          | P245GH   | 25 |       |
| <b>Type: Welding neck flange</b> |      |  |        |              |          |          |    |       |
| 2                                |      | Flange 25 25x33.7 EN 1092-1 Typ 11 P245GH                    | 25 mm  | EN 1092-1    |          | P245GH   | 25 |       |
| 1                                |      | Flange 25 32x42.4 EN 1092-1 Typ 11 P245GH                    | 32 mm  | EN 1092-1    |          | P245GH   | 25 |       |
| 3                                |      | Flange 25 50x60.3 EN 1092-1 Typ 11 P245GH                    | 50 mm  | EN 1092-1    |          | P245GH   | 25 |       |
| 2                                |      | Flange 25 65x76.1 EN 1092-1 Typ 11 P245GH                    | 65 mm  | EN 1092-1    |          | P245GH   | 25 |       |
| 9                                |      | Flange 25 80x88.9 EN 1092-1 Typ 11 P245GH                    | 80 mm  | EN 1092-1    |          | P245GH   | 25 |       |

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