



DIMENSIONI E POSIZIONE EDIFICI  
COME DA SCHEMA DEL CLIENTE:  
FILE DWG - "POSIZIONAMENTO  
CONDENSATORE" DEL 07/03/2017

| ITEM | DRAWING NUMBER | DESCRIPTION                            |
|------|----------------|--|
| 1    | A5688A16 C 010 | Foundation Loads                       |
| 2    | A5688A16 M 015 | K-Bundle                               |
| 3    | A5688A16 M 020 | D-Bundle                               |
| 4    | A5688A16 M 065 | Mechanical Equipment                   |
| 5    | A5688A16 S 100 | Steel structure - columns and bracings |
| 6    | A5688A16 S 200 | Fan deck beams                         |
| 7    | A5688A16 S 250 | Fan deck sheets                        |
| 8    | A5688A16 S 300 | Fan deck walkways                      |
| 9    | A5688A16 S 350 | Fan ring                               |
| 10   | A5688A16 S 400 | Fan screen                             |
| 11   | A5688A16 -     | -                                      |
| 12   | A5688A16 S 500 | A-Frame                                |
| 13   | A5688A16 S 550 | A-Frame cladding                       |
| 14   | A5688A16 S 600 | Wind Wall                              |
| 15   | A5688A16 S 650 | Wind Wall cladding                     |
| 16   | A5688A16 S 700 | Stairs                                 |
| 17   | A5688A16 S 750 | Ladders                                |
| 18   | A5688A16 S 900 | Sliding ladders                        |
| 19   | A5688A16 M 110 | Vacuum unit                            |
| 20   | -              | -                                      |
| 21   | A5688A16 M 400 | Steam Duct                             |
| 22   | A5688A16 M 410 | Steam Distribution Manifold            |
| 23   | A5688A16 M 415 | Condensate Collecting Manifold         |
| 24   | A5688A16 M 420 | Condensate Tank                        |
| 25   | A5688A16 M 095 | Main Condensate pump                   |

**GENERAL NOTES**

All dimensions are in millimeters unless otherwise indicated  
 All elevations are in meters unless otherwise indicated  
 Site adjustments are allowed if provided in accordance with SPIG Site Manager's instructions  
 ACC, including ducting and condensate tank, design values:  
 Max Temperature = 120 °C  
 Max Pressure = 1.49 bara

**STEAM DISTRIBUTION SYSTEM BATTERY LIMITS**

| TP Nr. | DN [mm] | TYPE | SERVICE               | T.max [°C] | P.max [Bar] | Note  |
|--------|---------|------|-----------------------|------------|-------------|-------|
| TP1    | -       | BW   | Turbine Exhaust Steam | 120        | 1.49        | 1 - 2 |
| TP2    | -       | BW   | HP By-pass Steam      | -          | -           | 2 - 3 |
| TP3    | -       | BW   | -                     | -          | -           | -     |
| TP4    | -       | BW   | -                     | -          | -           | -     |
| TP5    | -       | BW   | -                     | -          | -           | -     |

Notes:  
 (1) Allowable loads and displacements to be confirmed by CLIENT.  
 (2) Design of the Exhaust Steam Duct cannot be finalized without those values.  
 (3) Incoming loads to be confirmed by CLIENT.

**OTHER BATTERY LIMITS**

|                 |  |
|-----------------|--|
| CIVIL           | Top of concrete + 0,2 mt                         |
| ELECTRICAL      | Electric Motors terminal box                     |
| INSTRUMENTATION | Field instrumentations not wired into local JB's |
| Piping          | See P&ID   |



REALIZZAZIONE DI UNA NUOVA LINEA DI TERMOVALORIZZAZIONE DA 30MWt  
 PRESSO IL SISTEMA DI TRATTAMENTO RIFIUTI DI MACOMER/TOSSILO  
 E RELATIVA GESTIONE SEMESTRALE  
**PERIZIA DI VARIANTE**

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|           |            |         |             |           |             |
|-----------|------------|---------|-------------|-----------|-------------|
| 3         |            |         |             |           |             |
| 2         |            |         |             |           |             |
| 1         |            |         |             |           |             |
| 0         | 15.12.2017 | MF      | RDB         | FDB       | EMISSIONE   |
| REVISIONE | DATA       | REDATTO | CONTROLLATO | APPROVATO | DESCRIZIONE |
| OGGETTO   |            |         |             |           | ALLEGATO    |

**CONDENSATORE  
 pianta e szioni**

**P1-13**

NUMERO DOCUMENTO: **ZIT-WTE-P1-D-0013-00** SCALA PLOTTOGGIO: 1:1 SCALA: 1:75

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