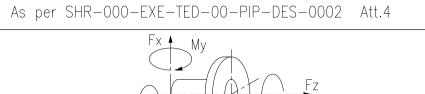


LOADS ON FILTER

LOADS VALID FOR EACH ANCHOR BOLT

| AX LOAD | AT BASE | EMPTY | OPERATING | HYDROTEST | WIND |
|---------|---------|-------|-----------|-----------|-------|
| < | kN | 2.1 | 2.1 | 2.1 | 0.068 |
| 7 | kN | 2.15 | 3.0 | 3.0 | _ |
| / | kN | 2.1 | 2.1 | 2.1 | 0.068 |

MAX ALLOWABLE NOZZLE LOADINGS



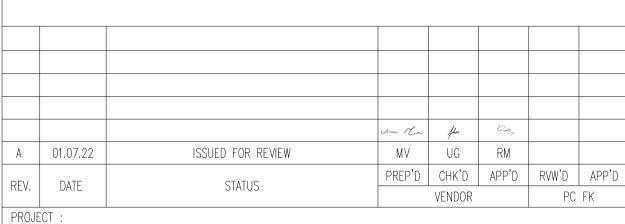
| , |
|--------|
| |
| |
| 3 |
|) |
| _ } |

| TIE-IN | CONNECTION | DESCRIPTION |
|--------|---------------|-----------------|
| TP01 | 4"-150#-WN/RF | INLET |
| TP02 | 4"-150#-WN/RF | OUTLET |
| TP03 | 2"-150#-WN/RF | BACKWASH OUTLET |
| TP04 | 1"-150#-WN/RF | DRAIN OUTLET |
| TP05 | 1"-150#-WN/RF | VENT |
| | | |

NOTES

- 1- PSV (THERMAL EXPANSION) FLANGED TYPE 3/4"x1"-150#-RF SUPPLIED BY FILTREX
- 2- DIFFERENTIAL PRESSURE TRANSMITTER (PDT) SUPPLIED LOOSE BY FILTREX
- 3- ALL MEASUREMENTS ARE IN "mm"
- 4- INSULATION, STEAM TRACING AND FIREPROOFING BY OTHERS.
- 5- FILTER ROTATING ARM ELECTRIC MOTOR (N°1: 0,25kW-415V-3Ph-50Hz.5
- 6- CABLING AND WIRING OUTSIDE FILTER BATTERY LIMITS BY OTHERS.
- 7- FLANGED GATE VALVES ON VENT AND DRAIN SUPPLIED BY FILTREX
- 8- ELECTRIC POWER SUPPLY 415V-50Hz-3Ph-0,25kW TO MOTOR BY OTHERS.
- 9- ALL INSTRUMENT SHALL BE PREFIXED BY "44-" 10- INTERCONNECTING PIPING OUTSIDE FILTER BATTERY LIMITS BY OTHERS.

| DESIGN DATA | | | | |
|----------------------|---|--|--|--|
| CKAGE ITEM | F-44-01 | | | |
| TER TAGS | F-44-01 (Qty N° 1) | | | |
| RVICE | CONDENSATE FILTER PACKAGE | | | |
| SIGN CODE | ASME VIII div.1-IOGP-JIP33 | | | |
| RTHQUAKE DESIGN | Peak ground surface acceleration of 0.05 g. | | | |
| ND DESIGN | ASCE 7-16, Exposure C, BWS: 145 km/h | | | |
| SIGN PRESSURE | 11.8 barg | | | |
| SIGN TEMPERATURE | 130 °C | | | |
| PERATING PRESSURE | 9.25 barg | | | |
| PERATING TEMPERATURE | 100 °C | | | |
| DR. TEST PRESSURE | 17.7 barg | | | |
| A.W.P. | 11.8 barg | | | |
| D.M.T. | 28 °C @ 11.8 barg | | | |
| UID | CONDENSATE | | | |
| IYSICAL STATE | LIQUID | | | |



25 µm

650 kg

900 kg

900 kg

31.875 m3/h

PROJECT SAHARA ROSE - PROVISION OF EPCC SERVICES FOR MELAMINE PLANT FOR
PETRONAS CHEMICALS FERTILISER KEDAH SDN BHD

ASSET OWNER :



FILTRATION DEGREE

OPERATION WEIGHT

HYDROTEST WEIGHT

EMPTY WEIGHT

FLOW RATE (Design)

PETRONAS CHEMICALS FERTILISER KEDAH SDN. BHD. KM 3, JALAN JENIANG PO BOX 22, 08300 GURUN KEDAH TEL: 04 - 466 6666 / FAX: 04 - 468 5200

PETRONAS

EPCC CONTRACTOR :



TECHNIP ENERGIES (M) SDN BHD

A CONSORTIUM OF



VENDOR :





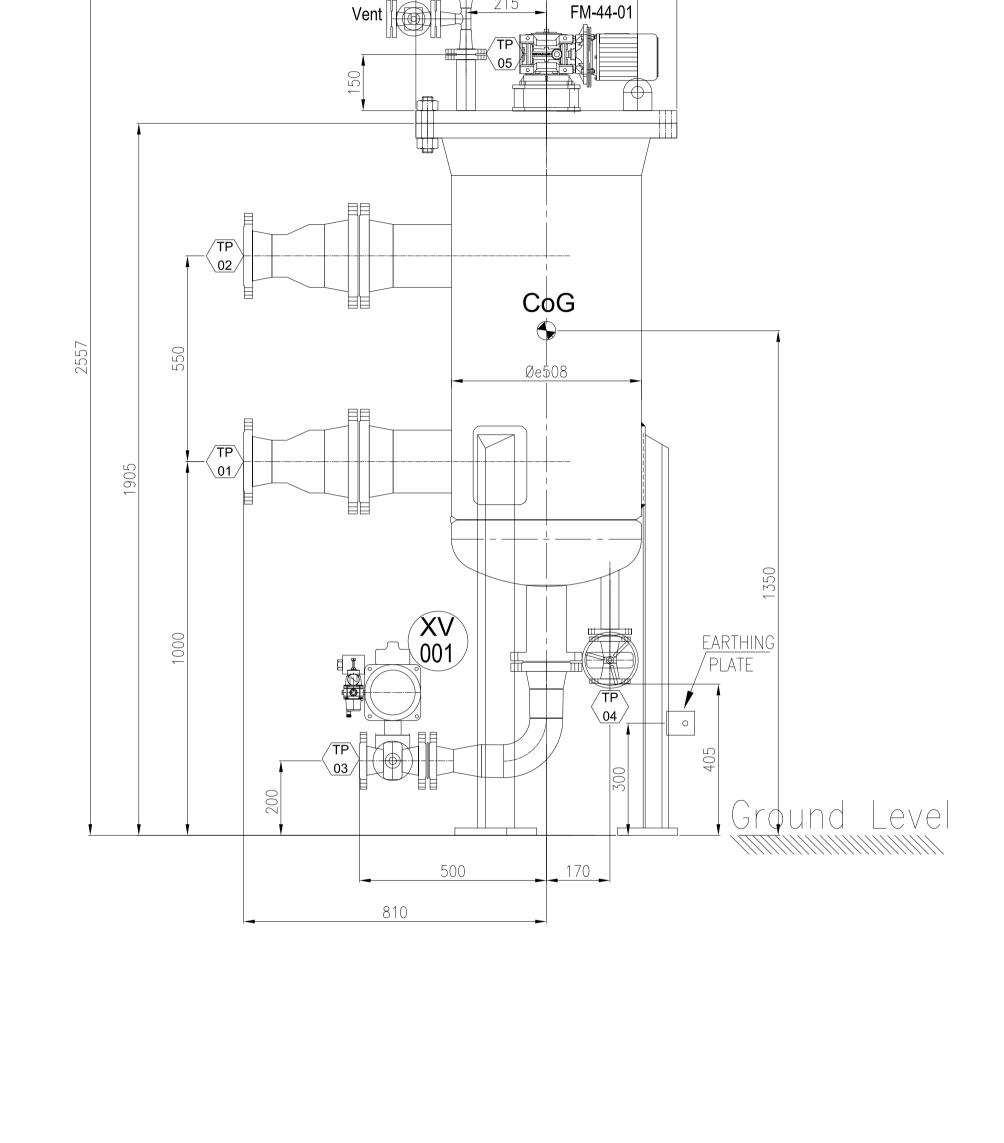
FILTREX srl - Milan (ITALY)

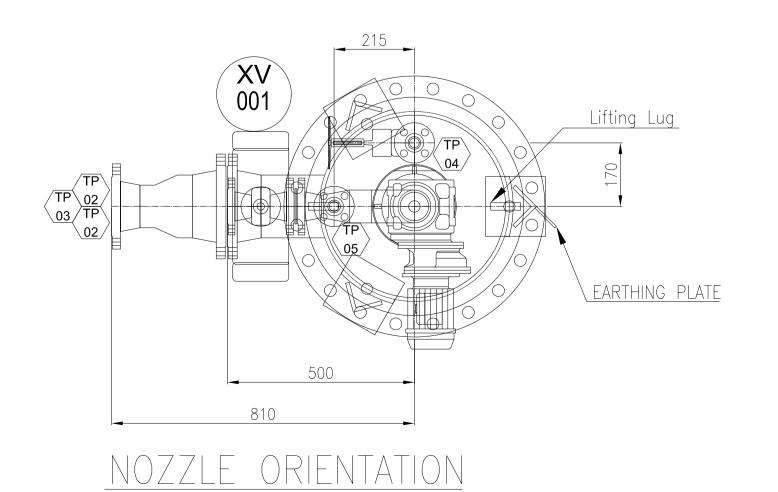
PO NO.: 204494C001 VENDOR DRAWING TITLE:

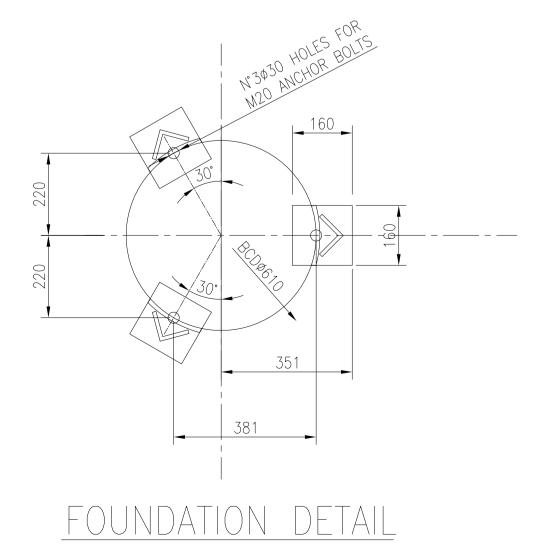
GENERAL ARRANGEMENT CONDENSATE FILTER PACKAGE F-44-01 FILTER MODEL: ACB-955C-6"

| SCALE : | DOCUMENT CLASS: | SHEET : | REVISION | FORMAT |
|--|-----------------|---------|----------|--------|
| NTS | Z | 01/01 | | |
| COMPANY DWG. NO.: SHR-000-EXE-K025-00-ENG-DWG-0021 | | | A | А1 |
| CONTRACTOR DWG. NO. : — | | | , , | / \ 1 |
| | | | | |

© 2022 PETRONAS CHEMICALS FERTILISER KEDAH SDN BHD. ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED, STORED IN A RETRIEVAL SYSTEM OR TRANSMITTED IN ANY FORM OR BY ANY MEANS (ELECTRONIC, MECHANICAL, PHOTOCOPYING, RECORDING OR OTHERWISE) WITHOUT THE PERMISSION OF THE COPYRIGHT OWNER.







BACKWASH VALVE 44-XV-001 TYPICAL

