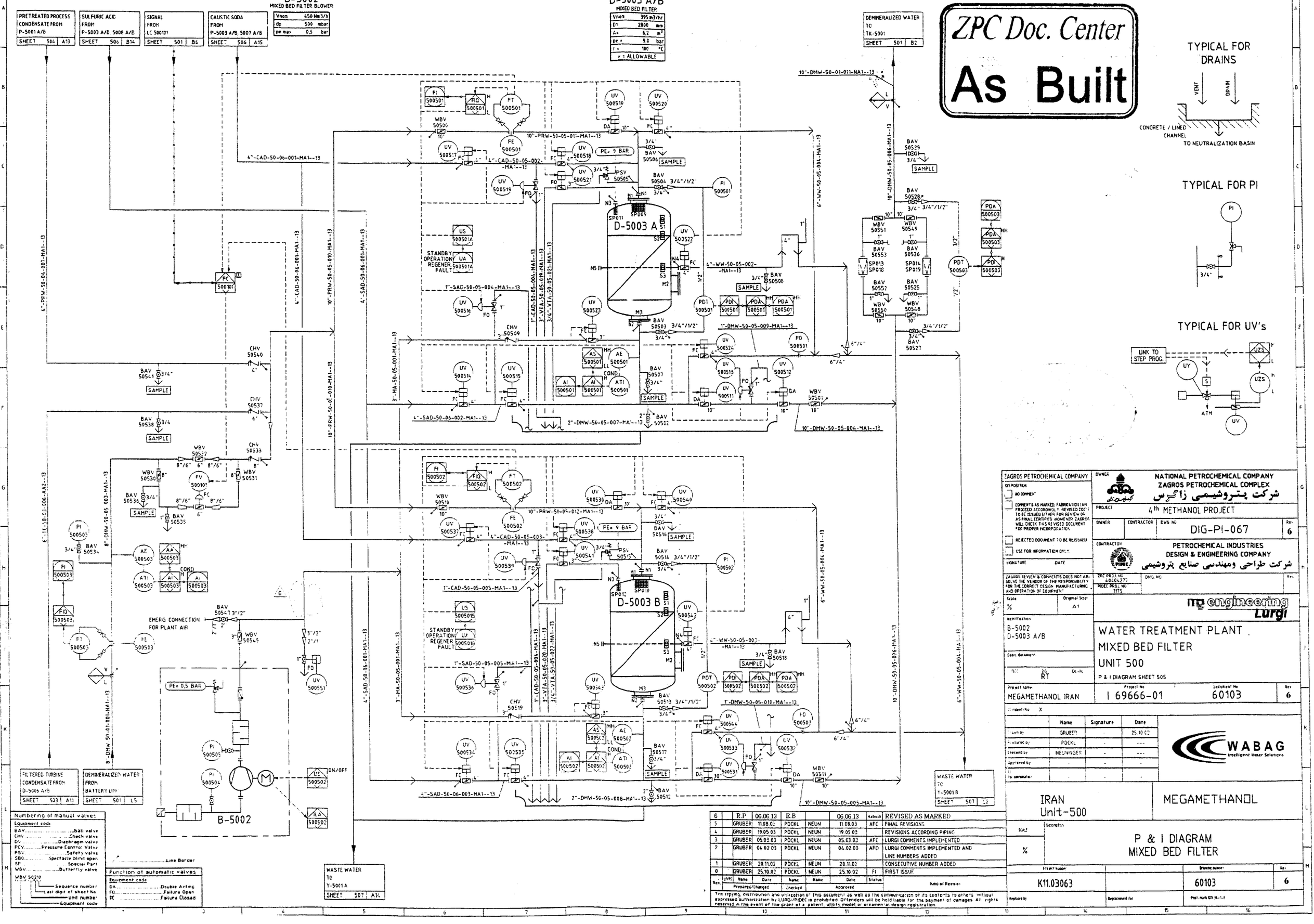
B-5002
MIXED BED FILTER BLOWER
Vnom 450 Nm3/h
dp 500 mbar
pe max. 0,5 bar
D-5003 A/B
MIXED BED FILTER
Vnom 395 m3/hr
D1 2800 mm
A= 6,2 m²
pe = 9.0 bar
t = 100 °C
* = ALLOWABLE
PRETREATED PROCESS CONDENSATE FROM P-5001 A/B
SHEET 504 A13
SULFURIC ACID FROM P-5003 A/B, 5008 A/B
SHEET 506 B14
SIGNAL FROM LC 500101
SHEET 501 B6
CAUSTIC SODA FROM P-5003 A/B, 5007 A/B
SHEET 506 A15
DEMINERALIZED WATER TO TK-5001
SHEET 501 B2
ZPC Doc. Center
As Built
TYPICAL FOR DRAINS
VENT
DRAIN
CONCRETE / LINED CHANNEL
TO NEUTRALIZATION BASIN
TYPICAL FOR PI
TYPICAL FOR UV's
LINK TO STEP PROG.
D-5003 A
D-5003 B
STANDBY OPERATION REGENER. FAULT
PE= 9 BAR
PE= 0,5 BAR
SAMPLE
EMERG CONNECTION FOR PLANT AIR
FILTERED TURBINE CONDENSATE FROM D-5006 A/B
SHEET 523 A11
DEMINERALIZED WATER FROM BATTERY LIMIT
SHEET 501 L5
WASTE WATER TO Y-5001 B
SHEET 507 C2
WASTE WATER TO Y-5001 A
SHEET 507 A14
B-5002
Numbering of manual valves
Equipment code
BAV ..... Ball valve
CHV ..... Check valve
DV ..... Diaphragm valve
PCV ..... Pressure Control Valve
PSV ..... Safety valve
SBO ..... Spectacle blind open
SP ..... Special Part
WBV ..... Butterfly valve
WBV 50270
Sequence number
Last digit of sheet No.
Unit number
Equipment code
..... Line Border
Function of automatic valves
Equipment code
DA ..... Double Acting
FO ..... Failure Open
FC ..... Failure Closed
ZAGROS PETROCHEMICAL COMPANY
DISPOSITION
NO COMMENT
COMMENTS AS MARKED, FABRICATION CAN PROCEED ACCORDINGLY. REVISED DOCS TO BE ISSUED EITHER FOR REVIEW OR AS FINAL (EITHER) HOWEVER ZAGROS WILL CHECK THIS REVISED DOCUMENT FOR PROPER INCORPORATION.
REJECTED DOCUMENT TO BE REISSUED
USE FOR INFORMATION ONLY
SIGNATURE DATE
ZAGROS REVIEW & COMMENTS DOES NOT ABSOLVE THE VENDOR OF THE RESPONSIBILITY FOR THE CORRECT DESIGN, MANUFACTURING AND OPERATION OF EQUIPMENT
OWNER
NATIONAL PETROCHEMICAL COMPANY
ZAGROS PETROCHEMICAL COMPLEX
شرکت پتروشیمی زاگرس
PROJECT 4th METHANOL PROJECT
OWNER CONTRACTOR DWG NO DIG-PI-067 Rev 6
CONTRACTOR
PETROCHEMICAL INDUSTRIES DESIGN & ENGINEERING COMPANY
شرکت طراحی ومهندسی صنایع پتروشیمی
ZPC PROJ. NO 40404277
PIDEC PROJ. NO 1175
DWG NO Rev
Scale %
Original Size A1
Identification B-5002 D-5003 A/B
Basic document
DC RT
engineering Lurgi
WATER TREATMENT PLANT
MIXED BED FILTER
UNIT 500
P & I DIAGRAM SHEET 505
Project name MEGAMETHANOL IRAN
Project No I 69666-01
Document No 60103
Rev 6
Ident-No X
Name Signature Date
Drawn by GRUBER 25.10.02
Prepared by POCKL
Checked by NEUNHAEER
Approved by
For information
WABAG Intelligent Water Solutions
IRAN
Unit-500
MEGAMETHANOL
SCALE %
Description
P & I DIAGRAM
MIXED BED FILTER
Project number K11.03063
Drawing number 60103
Rev 6
Replaced by
Replacement for
Prof. mark GN 34-1-E
6 R.P 06.06.13 E.B 06.06.13 Asbuilt REVISED AS MARKED
5 GRUBER 11.08.03 POCKL NEUN 11.08.03 AFC FINAL REVISIONS
4 GRUBER 19.05.03 POCKL NEUN 19.05.03 REVISIONS ACCORDING PIPING
3 GRUBER 05.03.03 POCKL NEUN 05.03.03 AFC LURGI COMMENTS IMPLEMENTED
2 GRUBER 04.02.03 POCKL NEUN 04.02.03 AFD LURGI COMMENTS IMPLEMENTED AND LINE NUMBERS ADDED
1 GRUBER 20.11.02 POCKL NEUN 20.11.02 CONSECUTIVE NUMBER ADDED
0 GRUBER 25.10.02 POCKL NEUN 25.10.02 FI FIRST ISSUE
Rev. Name Date Name Name Date Status Kind of Revision
Prepared/Changed Checked Approved
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