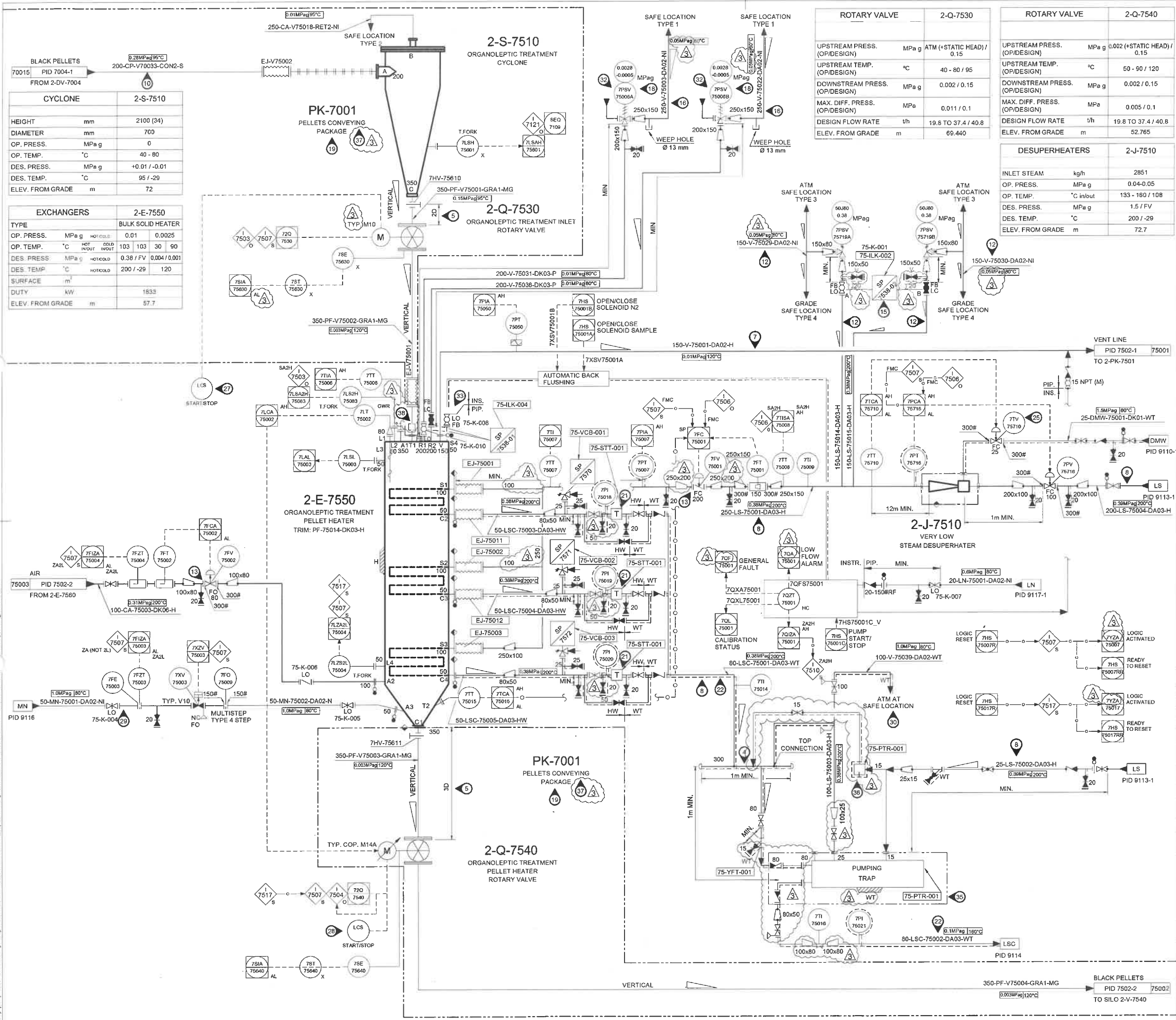


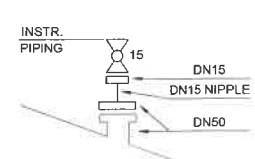
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- NOTES:
- 1- DELETED.
 - 2- DELETED.
 - 3- DELETED.
 - 4- DELETED.
 - 5- NO DIAMETER REDUCTION. ALL WELDS MUST BE FLUSH.
 - 6- DELETED.
 - 7- NO POCKETS ALLOWED.
 - 8- LOW POINTS OF CONDENSATE TO BE TRAPPED AS REQUIRED.
 - 9- DELETED.
 - 10- ACOUSTIC INSULATION IF BE REQUIRED IN ORDER TO REACH THE LEGAL AND PROJECT REQUIREMENT.
 - 11- DELETED.
 - 12- SIZE TO BE CONFIRMED ACCORDING TO FINAL LAYOUT STUDIES.
 - 13- BYPASS ON CONTROL VALVE FORBIDDEN BY LICENSOR.
 - 14- DELETED.
 - 15- MECHANICAL INTERLOCK TO ENSURE ONE SAFETY VALVE IS ALWAYS LINED UP.
 - 16- VALVE MOUNTED FLANGE TO FLANGE WITH PSV.
 - 17- DELETED.
 - 18- BREATHING VALVE FLANGES: SILO SIDE CONNECTION 150 mm, OUTLET CONNECTION 150 mm, INLET OPEN AIR FROM ATMOSPHERE.
 - 19- PIPING REQUIREMENTS:
 - 19-1- LOW POINTS TO BE AVOIDED AND MINIMIZE NUMBER OF BENDS
 - 19-2- INCLINED SECTION MUST BE NO LONGER THAN 20 DIAMETERS AND HAVE AN INCLINATION OF MAXIMUM 10°.
 - 19-3- BENDS LONG RADIUS SHALL BE BETWEEN 5 AND 10 DIAMETERS.
 - 20- DELETED.
 - 21- DELETED.
 - 22- TWO PHASE FLOW ANCHOR SECURELY.
 - 23- DELETED.
 - 24- AUTOMATIC BACK FLUSHING SYSTEM DEVELOPED BY ANALYZER VENDOR.
 - 25- INCLUDED IN DESUPERHEATER 2-J-7510 SCOPE.
 - 26- DELETED.
 - 27- 2-Q-7530 LCS.
 - 28- 2-Q-7540 LCS.
 - 29- LOW FLOW ALARM TO BE ACTIVATED ONLY WHEN 7507-S IS ACTIVATED.
 - 30- VENT TO BE BROUGHT OUTSIDE MAIN STRUCTURE.
 - 31- DELETED.
 - 32- PSVs AS CLOSE AS POSSIBLE TO E-7550 NOZZLES.
 - 33- REFER TO DETAIL "A".
 - 34- FROM BOTTOM NOZZLE TO TOP TL.
 - 35- REFER TO VENDOR DRAWING DG17-031-7.
 - 36- BALL FLOAT AND THERMOSTATIC STEAM TRAP TO BE LOCATED AT LOW POINT.
 - 37- FOR PIPING CLASS IN VENDOR SCOPE OF WORK REFER TO 4100545-0-340-7900-4.
 - 38- STUB END NOZZLE WITH CLAMPED CONNECTION.

- GENERAL NOTES:
- A- DELETED.
 - B- PREFIX 2- TO BE ADDED TO ALL INTERLOCKS, SPECIAL PIECES NUMBERS AND SAMPLING POINTS NUMBERS.
 - C- CLOUDS WITH TRIANGLE (▲) AND REVISION INDEX INDICATE MODIFICATION RESPECT TO PREVIOUS PIDS.

DETAIL A



| EQUIPMENT LIST | | | | |
|----------------|---------------|---------------------------|---------------|---------------|
| EXCHANGER | DESUPERHEATER | PACKAGE | ROTARY VALVES | |
| 2-E-7550 | 2-J-7510 | PK-7001 | 2-Q-7530 | 2-Q-7540 |
| CYCLONE | | | | |
| 2-S-7510 | | | | |
| 3 | 08.03.2018 | ISSUE FOR CONSTRUCTION 4 | SG | CDC AI/PV |
| 2 | 03.29.2018 | ISSUE FOR CONSTRUCTION 3 | SG | CDC AI/PV |
| 1 | 02.10.2017 | ISSUE FOR CONSTRUCTION 2 | SG | CDC AI/PV |
| 0 | 09.30.2016 | ISSUE FOR CONSTRUCTION | SG | CDC AI/PV |
| C | 07.29.2016 | ISSUE FOR DETAIL DESIGN 2 | SG | CDC AI/PV |
| B | 03.11.2016 | ISSUE FOR DETAIL DESIGN | SG | CDC PG/PV |
| REV | DATE | DESCRIPTION | PREP | CKD APPR/AUTH |

POLYETHYLENE PE3 UNIT - ISBL

Unipetrol RPA, s.r.o. **TechnipFMC**

ORLEN GROUP

LITVINOV - CZECH REPUBLIC

ORGANOLEPTIC TREATMENT

CYCLONE AND PELLETS HEATER

BLACK GRADES

| | | | |
|--------------------------------|--------------------|------|------|
| Scale | Drawing No | Page | Rev. |
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| UNIPETROL DOC. N° PC03 PS75 09 | | | |
| D.P. N° 0000 | | | |

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