

Appendix no. 443-1 / 1 „Locations of IDP“

Litvínov Refinery

Operation 1	
Building 1365 4 pcs IDP + 1 pcs OXY	Building 2314 2 pcs IDP + 1 pcs OXY
<p><u>Covered area:</u> PS 1320 – Cracking unit PS 1322 – MEA regeneration PS 1323 – Sour water stripping</p>	<p><u>Covered area:</u> PS 2301 – Feedstock distillation PS 2302 – HRBi PS 2303 – HRPe + compressor station PS 2304 – HRPO PS 2306 – Compressor station PS 2320 – Recontanking PS 2331 – Flare system + Slop system PS 2337 – Natural gas</p>
Operation 2	
Building 3405 2 pcs IDP	Building 3605 2 pcs IDP + 1 pcs OXY
<p><u>Covered area:</u> PS 3420 – AVD, bld. no. 3415 lye washer, atmospheric part, vacuum part PS 3412 C – Distillation PS 3411 D – Distillation</p>	<p><u>Covered area:</u> PS 3601 – Compressor station no. 3607 PS 3601 – VTV – high-pressure washer PS 3612 – Chamber 12 PS 3611 – Chamber 11 PS 3620 – Chamber 5-6 PS 3520 and 3530 – pumping station no. 3534</p>
Building 4312 2 pcs IDP + 1 pcs OXY	Building 4408 1 pcs IDP + 1 pcs OXY
<p><u>Covered area:</u> PS 4310 – Common for the Claus units PS 4312 – Claus 2 PS 4313 – Claus 3 PS 4314 – Claus 4 PS 4320 – Sulfreen and NTI</p>	<p><u>Covered area:</u> PS 4440 – Lye refining of naphtha, no.4436 PS 5410 – Rich gases compression PS 5510 – Hydrogen sulfide washer and regeneration of MEA PS 6430 – Flare system</p>
Operation 3	
Building 5546 1 pcs IDP	Building 6716 2 pcs IDP
<p><u>Covered area:</u> PS 5520 – LPG loading facility</p>	<p><u>Covered area:</u> PS 6710 – Slop system</p>

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Kralupy Refinery

Operation 1
Building no. 2510 2 pcs IDP
<p><u>Covered area:</u> PS 004 - Distributions and collector piping of flare off-gas PS 2512 - HRBi PS 2513 - HRPe, T4, C1, T3 PS 2514 - HRPO, T4, C1, T3 PS 2516 - desulphurization of gases, compressors PS 2517 - production of sulfur</p>
Operation 2
Building no. 8613 (Control room) 2 pcs IDP
<p><u>Covered area:</u> bl. 84 and bl. 86</p>
Operation 3
Building no. 2520 (Central control room) 2 pcs IDP + 2 pcs spare
<p><u>Covered area:</u> PS 2411 - FCC PS 2413 - cracked naphtha hydrotreatment PS 2414 - desulphurization of gases PS 2417 - sour water stripping PS 2451 - selective hydrotreatment ST 221, 222 - Slop tanks</p>