

INDEX TO ENGINEERING FLOW DIAGRAMS

FOR 60MM SCFD SNG PLANT.

C. LOSCALZO

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PGW Dwg. No.	FWEC Dwg. No.	Rev.	Plant Sec.	Dwg. Title	PGW Dwg. No.	FWEC Dwg. No.	Rev.	Plant Sec.	Dwg. Title
12-A-165	1779-1-50-1	H		Standard Symbols	12-A-187	1779-1-50-23	K	300	Raw Naphtha Tanks TK-301 and TK-302
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171	50-6	J	150	Stretford Unit for Sulfur Recovery	193	50-29	E	300	Nitrogen Storage & Del. S's.
172	50-8	H	200	Sulfur Removal R-201, R-202	12-A-194	50-29	E	300	Firewater & Sewer Piping
173	50-9	K	200	First Stage Reaction R-204 A/B	192	50-30	K	100/150	Utility Flow Diagram Process Area for Steam & Flare
12-A-174	50-10	K	200	Recycle Gas Generation R-209 and R-210	193	50-30	K	200/300	13 14 15 16 17
175	50-11	I	200	Recycle Gas CO ₂ Removal T-202	195	50-31	M	100/150	Utility Flow Diagram for Air
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181	50-17	H	300	CRG Start up System C-202, H-204	221	50-36	E	100/150	Utility Flow Diagram to H-205 Burner
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183	50-19	H	300	Firewater and City Water Supply P-327 A/B	223	50-38	F	100/200	Auxiliary Flow Diagrams for Compressors C-101/201 A & B
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Reference
 Section 100 Naphtha Hydrodesulfurization Section
 Section 150 Stretford Sulfur Removal Section
 Section 200 Catalytic Rich Gas and Benfield CO₂ Removal Sections
 Section 300 Support Facilities

LEGEND	11 COOLING WATER SUPPLY (GLYCOL-WTR)	16 15# DESUPERHEATED STEAM	21 CONDENSATE (STEAM)	26 OILY OR DIRTY WATER SEWER	31 PUMP-OUT
	12 COOLING WATER RETURN (GLYCOL-WTR)	17 POTABLE WATER	22 TREATED WATER	27 PROCESS SEWER (CHEMICAL WASTES)	32 PURGE GAS (NITROGEN)
13 450 # H.P. STEAM	18 PLANT AIR	23 FUEL OIL (NAPHTHA)	28 FUEL GAS (NAPHTHA GAS)	29 SANITARY SEWER	33 BLOWDOWN
14 150# ATOMIZING STEAM	19 INSTRUMENT AIR	24 FUEL GAS (NAPHTHA GAS)	25 CLEAN WATER SEWER	30 FLUSHING OIL	34 FLARE
15 50 # L.P. STEAM					35 TO ATMOSPHERE
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40 BOILER FEED WATER	45 PRESSURIZATION AIR				

PASSYUNK STATION SNG FACILITY

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PHILADELPHIA GAS WORKS	
ENGINEERING DEPT. PHILADELPHIA, PA.	
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