NOTES

1). ALARMS AAL SET AT 17%, AALL SET AT 16%.
2). IT SHALL BE MENTIONED IN ENQUIRY OF ANALYZERS THAT AMOUNT OF INPUT AND OUTPUT OF H2S AND ITS DIFFERENTIAL OBSERVED AT THE SAME TIME WITH SAME ANALYZER .

REFORMER FLUE GAS AT HEAT RECOVERY EXIT

MS-012 — RECUPERATOR FLUE GAS 3000-FG-01203-C3 — C192 50V

MS-011 — RECUPERATOR FLUE GAS 3000-FG-01103-C3 — C191 50V

REFORMER FLUE GAS AT REFORMER EXIT

MS-018 — REFORMER FLUE GAS 3600-FG-01801-C3 — C092 50V

MS-018 — REFORMER FLUE GAS 3600-FG-01802-C3 — C091 50V

10# TUBING

PROCESS GAS

MS-010 — 1200-PRG-01002-C2 — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10 — BADS 15 — A18 AIT — A18 FAL — VENT — A18 AI 0-50% CO2 AAH AALL — NOTE 1 — MS-142 — FY-A63.3

DUST COLLECTION

MS-101 — 1000-DP-10107-C10 FURNACE DUST COLLECTION — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10 — H26 AIT — H26 FAL — VENT — H26 AI 0-5%CO2 HH

BUSTLE GAS

MS-019 — 2460-RG-01901-C3 BUSTLE GAS — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10

MS-019 — 2160-RG-01901-C3 BUSTLE GAS — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10 — A331 AIT — A331 FAL — VENT — A331 AI 0-5% CH4 AAH AAL — A332 AIT — A332 FAL — VENT — A332 AI 0-5% CH4 AAH AAL — A33 HS — MS-019 — AC-A33

REFORMED GAS AT REFORMER EXIT

MS-019 — 2460-RG-01808-C3 REFORMED GAS — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10

MS-019 — 2460-RG-01808-C3 REFORMED GAS — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10 — A35 AIT — A35 FAL — VENT — A35 AI 0-50% CO — A31.1 AIT — A31.1 FAL — VENT — A31.1 AI 0-5% CH4 AAH AAL — A32.1 AIT — A32.1 FAL — VENT — A32.1 AI 0-5% CO2 AAH AAL — A32.2 AIT — A32.2 FAL — VENT — A32.2 AI 0-5% CO2 AAH AAL — A32 HS — A36 AIT — A36 FAL — VENT — A36 AI 0-80% H2 AAH AAL — A312 AIT — A312 FAL — VENT — A312 AI 0-5% CH4 AAH AAL — MS-142 — FY-A631 — MS-028 — AC-A32 PROCESS NATURAL GAS VENDER

SEAL GAS

MS-067 — 400-SG-06700-C6 SEAL GAS — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10 — BADS 15 — D18 AIT — D18 FAL — VENT — D18 AI 0-5% CO2 AAH AAL — D18.1 AIT — D18.1 FAL — VENT — D18.1 AI 0-5% CO2 ASH AAL — D18.2 AIT — D18.2 FAL — VENT — D18.2 AI 0-5% CO2 ASH AAL — D19 AIT — D19 FAL — VENT — D19 AI 0-100 CO PPM AAH — MS-065 — AV-D18 AUX. AIR TO FLUE GAS AFTERBURNER VALVE — D18 AC — D18 HS

COOLING GAS

MS-054 — 1000-CG-06403-C2 COOLING GAS — 10 DIA NPT COUPLING — TP L-T BADS 10 — BADS 10 — BADS 15 — A37 AIT — A37 FAL — VENT — A37 AC — A37 AI 0-5% CH4 — MS-064 — FC-A72 — MS-142 — FY-A8922

FEED GAS

MS-013 — 1750-RF-01301-CB FEED GAS — MS-013 — 1750-RF-01301-CB FEED GAS — SOV A812 — SOV A811 — VENDOR SCOPE — A81 AIT — A81 FAL — VENT — A81 AAH AAL H_2S 0-50 PPM NOTE 2 — A81C — MS-013 — 500-RF-01308-CB AV-A81

REV.	DATE	DESCRIPTION	PURPOSE OF ISSUE	PREPARE	CHECK	APPROVE
Z	06/2019	AS BUILT	ASB	KHALLPOOR	SHAGHAGH	KAZEMI
1	08/2014	ISSUE FOR APPROVAL	IFA	KHALLPOOR	PARVANI	KIOMARSI
2	09/2014	ISSUE FOR CONSTRUCTION	IFC	KHALLPOOR	PARVANI	KIOMARSI
3	03/2015	ISSUE FOR CONSTRUCTION	IFC	KHALLPOOR	PARVANI	KIOMARSI
4	10/2015	ISSUE FOR CONSTRUCTION	IFC	KHALLPOOR	PARVANI	KIOMARSI
5	11/2015	ISSUE FOR CONSTRUCTION	IFC	KHALLPOOR	PARVANI	KIOMARSI

Project:

KOWSAR GISD MEGA MODULE PROJECT

Client

Contractor

MINES & METALS TECHNOLOGICAL ENGINEERING CO.

Client's Project	Project Code	Main Contractor	Area Code	Plant Group	Equipment Code	Document Type	Eng. Discipline	Serial No.
GISD	7-2	119	1002	7	AA	04	P	020

designation: PIPING & INSTRUMENTATION DIAGRAM
GAS ANALYZER SYSTEM DETAILS

	SIGNATURE	DATE
DESIGNED	MATE	11/2015
CHECKED	PARVANI	11/2015
PREPARED	KHALLPOOR	11/2015
APPROVED	KIOMARSI	11/2015

drawing-No. KCMMPC00M5020

SCALE: AS SHOWN | REV.: Z | SIZE: A3 | SHEET: 1/1

Repl. for: | Repl. by :

CONT. & PROJ. NO: 92/5499

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