

Aeno

M9
DRYER INFED AIRLOCK
36" X 36"
CAPACITY 78,400 LBS/HOUR
MOTOR: 7.5 HP - DOL

M8
DRYER INFED AUGER
30" U X 14' Length
Capacity 78,400 lbs/hour
Motor: 7.5 hp - DOL

M6
COMBUSTION AIR FAN
Capacity 36 MMBTU
Motor: 30 hp - DOL

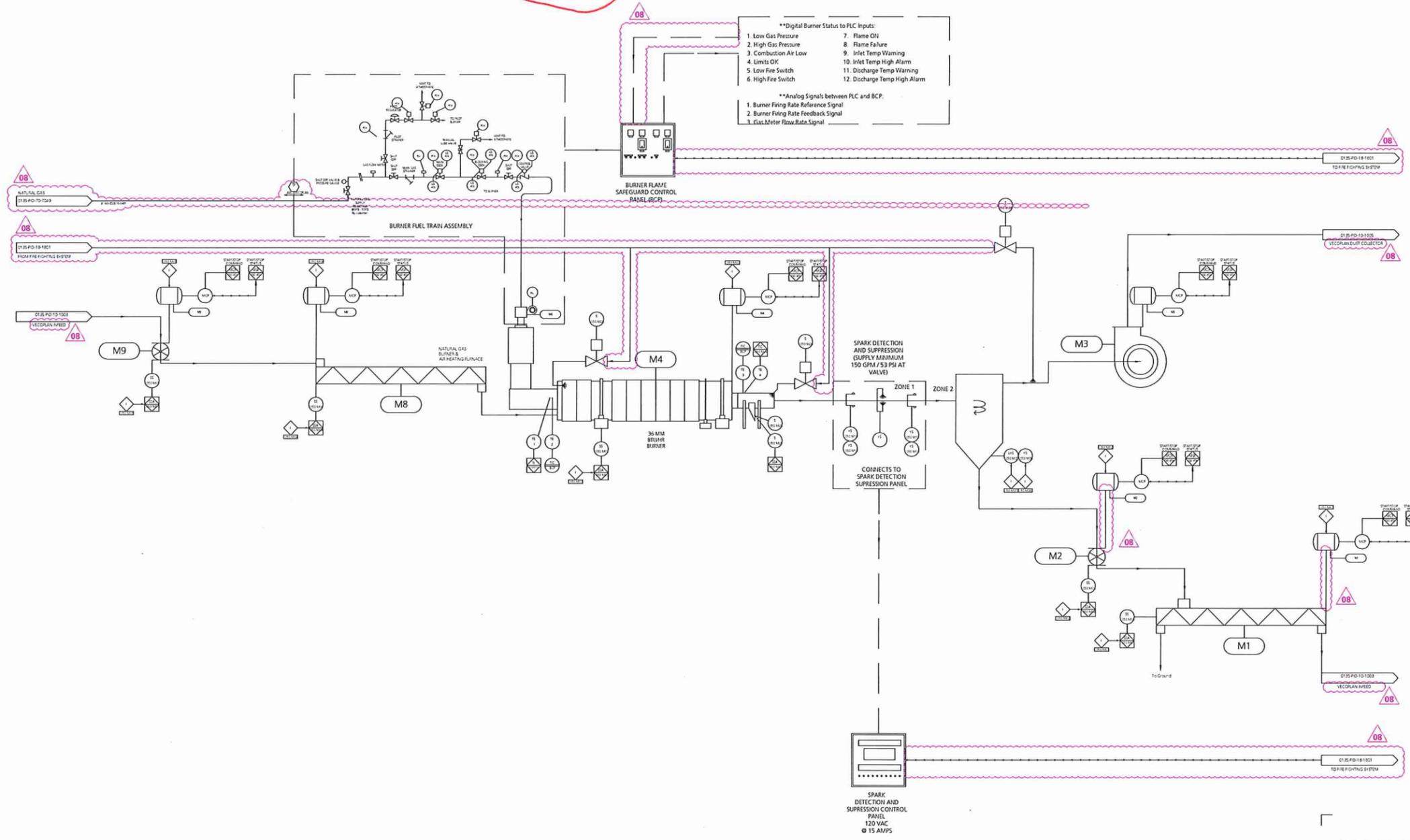
M4
ROTARY DRYER
13 FL X 60 FL - 28
Capacity 18,500 lbs h2o/hour
Motor: 50 hp - SMC

M3
DRYER FAN
Capacity 72,000 acfm
Motor: 350 HP - SMC

M2
DISCHARGE AIRLOCK
42" X 42"
Capacity 60,000 lbs/hour
Motor: 10 hp - DOL

M1
REVERSING AUGER
30" U X 16' length
Capacity 60,000 lbs/hour
Motor: 7.5 hp - DOL

- **Digital Burner Status to PLC Inputs:**
1. Low Gas Pressure
 2. High Gas Pressure
 3. Combustion Air Low
 4. Limits OK
 5. Low Fire Switch
 6. High Fire Switch
 7. Flame ON
 8. Flame Failure
 9. Inlet Temp Warning
 10. Inlet Temp High Alarm
 11. Discharge Temp Warning
 12. Discharge Temp High Alarm
- **Analog Signals between PLC and BCP:**
1. Burner Firing Rate Reference Signal
 2. Burner Firing Rate Feedback Signal
 3. Gas Meter Flow Rate Signal



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Rev. #	Revision Date	Description	Purpose	Drawn	Reviewed	Approved
08	03/Jul/20	Update	IFI	MICL/FMG	IBA	JMC
07	13/Mar/20	Update	IFI	MICL/FMG	IBA	JMC
06	2019/11/15	EARTH-CARE REVISION	IFI	MDL		
05	2019/10/09	ABENGOA COMMENTS	IFI	MDL		
04	2019/08/27	CHANGED COLORS	IFI	MDL		
03	2019/07/31	UPDATED WATER AND GAS PRESSURES	IFI	MDL		
01	2019/05/16	ADDED PRESSURE SENSOR	IFI	MDL		
00	2019/04/01	ISSUED FOR INFORMATION	IFI	MDL		

Client: **Fulcrum Dryer Sierra BioFuels, LLC**

EPC Contractor: **ABENGOA**

Engineering: **Vecoplan**

Project: **Sierra BioFuels Plant**

Drawn	Reviewed	Approved
MICL/FMG	IBA	JMC
03/Jul/20	03/Jul/20	03/Jul/20

Scale: N/A

Area: **AREA 10**

Project Number: **0135**

Sheet: **1** of **1**

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