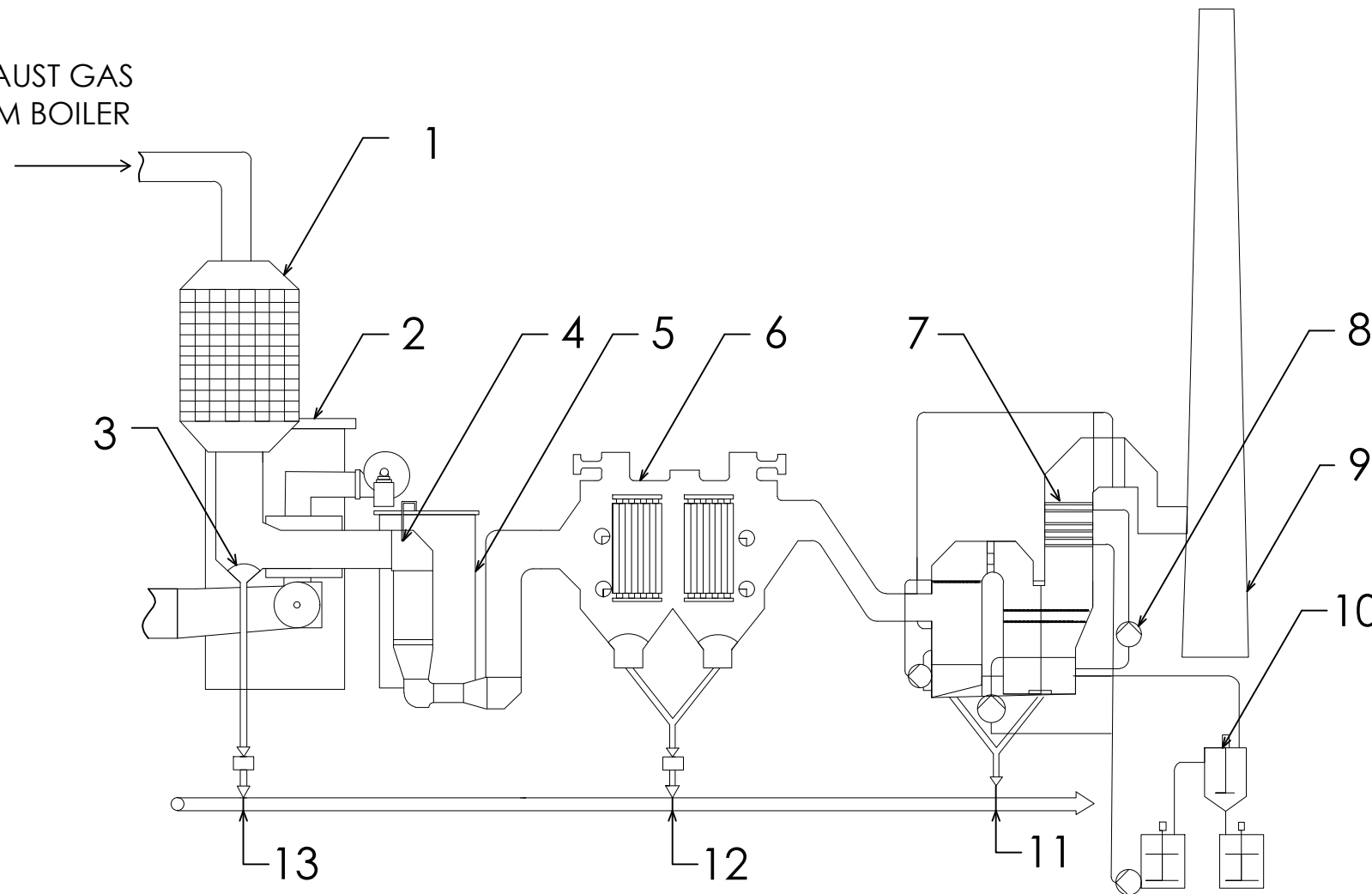


EXHAUST GAS
FROM BOILER



LEGEND:

NO.	DESCRIPTION
1	SELECTIVE CATALYTIC REACTOR
2	AMMONIA TANK
3	FLY ASH HOPPER
4	ACTIVATED CARBON INJECTION
5	ACTIVATED CARBON INJECTION TANK
6	ELECTRO STATIC PRECIPITATOR
7	LIME STONE WATER SPRAYER
8	RECIRCULATION PUMP
9	CHIMNEY
10	LIMESTONE WATER STORAGE
11	FLY ASH HOPPER
12	FLY ASH HOPPER
13	FLY ASH COLLECTOR

NOTES:

1. THE HEIGHT OF THE CHIMNEY IS 220m AND THE DIAMETER IS 10m
2. FLY ASH AND BOTTOM ASH WILL BE TRANSPORTED TO A SHARED ASH STORAGE FACILITY
3. FLY ASH AND BOTTOM ASH WILL BE TRANSPORTED BY THIRD PARTY HAULERS TO BE SOLD TO CEMENT FACTORIES
4. ENVIRONMENTAL IMPACT ASSESSMENT (EIA) WAS APPLIED REGARDING THE PROPER HANDLING OF ASH.
5. AMBIENT AIR CONDITIONS WILL BE REGULARLY MONITORED WITH STACK AND AMBIENT AIR QUALITY SURVEILLANCE EQUIPMENT
6. ENFORCEABLE EMISSION CONSTRAINTS AS PROVIDED BY THE CLEAN AIR ACT SHALL BE COMPLIED WITH.

DWG 31 FLUE GAS TREATMENT SYSTEM

SCALE: NTS



BatStateU
BATANGAS STATE UNIVERSITY
Gov. Pablo Barbon Main Campus II
Alangilan, Batangas City
MECHANICAL ENGINEERING DEPARTMENT

PROJECT LEADER		INSTRUCTOR		PROJECT / LOCATION:	OWNER	PREPARED BY:	No.	REVISIONS	DATE	SHEET CONTENT	SHEET NO.
ENGR. LEMUEL ARNEL A. RIVERA MECHANICAL ENGINEER		ENGR. ALLAN B. DE VILLA PROFESSIONAL MECHANICAL ENGINEER ASEAN ENGINEER		600 MW COAL-FIRED POWER PLANT LEMERY BATANGAS	MPR POWER CORPORATION ENGR. LEMUEL ARNEL A. RIVERA PRESIDENT	ENGR. BRYAN MERCADO				FLUE GAS TREATMENT SYSTEM	A 16
PRC Reg No.: TIN:		PRC Reg No.: TIN:				ENGR. VINCE LEMUEL PANOPIO					
SECTION: ME - 5302 GROUP NO: 05 DATE SUB: JULY 1, 2019		PTR No.: Issued on: Issued at:		BatStateU Main Campus 2 Alangilan Batangas City		ENGR. LEMUEL ARNEL RIVERA					