

SHUQAIQ STEAM POWER PLANT



STG : 720 MW x 4 UNITS (ALSTOM)
BOILER : 2,214 T/H x 4 UNITS (MHI)

LEGEND

01. STEAM TURBINE BUILDING

02. BOILER

03. CENTRAL CONTROL BUILDING

04. COMMON STATION SWGR BUILDING

05. AUX. BOILER AREA

06. HYDROGEN GENERATION BUILDING

07. EMERGENCY DIESEL GENERATOR BUILDING

08. UNIT ELECTRICAL BUILDING

09. FGD ELECTRICAL BUILDING #1~4

10. GAS CYLINDER STORAGE BUILDING

11. ELECTROSTATIC PRECIPITATOR

12. 380kV EHV CABLE RACK

13. PIPE RACK

14. TRANSMISSION BUILDING

15. CHEMICAL STORAGE BUILDING

16. FGD ABSORBER

17. FGD AERATION BASIN

18. AERATION SHELTER

19. FGD ELECTRICAL BUILDING #1~4

20. EP & ASH ELECTRICAL BUILDING #1~4
21. CHILLER PLANT BUILDING

22. CPP REGENERATION BUILDING

23. H2SO4/NAOH STORAGE TANK SHED (CPP)

24. CHIMNEY

25. WORKSHOP BUILDING

26. WELDING SHELTER

27. GENERAL MAINTENANCE BUILDING

28. OPEN STORAGE YARD

29. HFO/HCO SORAGE TANK

30. HFO/HCO ELECTRICAL BUILDING

31. HFO/HCO HEATER SHED

32. HFO/HCO PUMP BUILDING

33. STEAM TRANSFORMER SHED

34. FOAM BUILDING #1~4

35. BOILER WASH WATER NEUTRALIZATION BASIN

36. DFO STORAGE TANK

37. DFO UNLOADING PUMP BUILDING

38. DFO FORWARDING & TRANSFER PUMP BUILDING

39. DFO ELECTRICAL BUILDING

40. DFO UNLOADING STATION SHED
41. GIS CONTROL BUILDING

42. 380kV GIS BUILDING

43. ELECTRO CHLORINATION PLANT BUILDING

44. SEAWATER INTAKE ELECTRICAL BUILDING

45. DEMI. & DESAL WATER TREATMENT PLANT BUILDING

46. DESAL. WATER STORAGE TANK

47. DESAL. & FILTERED WATER PUMP BUILDING

48. FILTERED WATER STORAGE TANK

49. SERVICE & FIRE WATER STORAGE TANK

50. POTABLE WATER STORAGE TOWER

51. DEMI. WATER STORAGE TANK

52. DEMI. & SERVICE WATER PUMP BUILDING

53. FIRE WATER PUMP BUILDING

54. METERING SKID SHED

55. STEAM TRACING CONDENSATE RETURN PUMP BUILDING #2

56. METERING STATION ELECTRICAL BUILDING

57. COAST GUARD SECURITY BUILDING

58. SEAWATER INTAKE PUMP STATION

59. HELI PORT

60. WAREHOUSE
61. VEHICLE WORKSHOP BUILDING (FACILITY GUARD)

62. LIVING QUARTER (FACILITY GUARD)

63. FACILITY GUARD MANAGEMENT BUILDING

64. LOCAL ELECTRICAL BUILDING FOR SERVICE BUILDING

65. FIRE STATION

66. FIRST AID BUILDING AND AMBULANCE STATION

67. MAIN GATE(GATE HOUSE)

68. ADMINISTRATION BUILDING

69. MOSQUE

70. CAR PARKING LOT

71. BACHELOR AREA

72. FOOTBALL COURTS

73. MOSQUE

74. SWIMMING POOL & TENIS COURTS

75. FAMILY VILLA AREA

76. OUTFALL

77. WATCH TOWER

78. ELECTRICAL BUILDING FOR JETTY

79. JETTY

