ROOF WATER-PROOFING

1.0 OBJECTIVE

1.1 Is to define the requirements for laying of roof water proofing membrane for the contract no XXXXXXXX Engineering, Procurement, Installation and Commissioning (EPIC) of Ras Laffan Utilization Project –Buildings and utilities and support service Phase 1-Utilities.

2.0 SCOPE

2.1 Water and thermal proofing of roof of buildings in Service Base Area, Service Berth area and F.S.O Marine.

3.0 REFERENCE

3.1 Project Approved Drawings
3.2 British Standards BS 747, 882, 812
3.3 QQQQQQ Construction Specification-Section 14
3.4 Product Manufacture’s specification

4.0 PROCEDURE:

4.1 APPROVAL OF MATERIALS:

4.1.1 Approval shall be taken from QP for the materials - Bitumen primer, Water proof membrane, Extruded Polystyrene insulation boards, terram geo textile membrane, Geo textile water filtering membrane, Aluminum flashing, external quality Sealant, Rubber bitumen joint sealant, PC tiles, Gravel/aggregate etc prior to commencement of roof waterproofing work:

4.1.2 Sample of all the materials shall be available at site for QP verification/reference at all times.

4.2 SURFACE PREPARATION:

4.2.1 The deck should be dry enough that no dampness or moisture on the surface.

4.2.2 Sweep decks and remove all dust, dirt and debris.

4.2.3 Remove projections that might penetrate or damage roofing felt materials.