



حديد الإمارات
emirates steel
إحدى شركات صناعات SENAAT company

Integrated Management System

Engineering Standards

Overview of Engineering Standards

PRD-GR-GS-001

	Name	Title	Signature
Prepared by	Stuart Webster	Manager - Project Engineering	
Reviewed by	Abdel Moneim Tawfik	QA & Env. Manager	
Approved by	Anoop Nair	VP Marketing & Strategy	

1. PURPOSE

The purpose of the ES Engineering Standards is to provide information and guidelines for the design, erection, installation and commissioning of plant and equipment across ES Sites.

2. SCOPE

The standards referenced in this document are issued to all contractors and form an integral part of the contract documentation.

Compliance is mandatory by all Contractors, ES Departments and personnel, whilst designing, erecting, installing and commissioning plant and equipment within ES sites, and any deviations require the explicit written approval of ES.

3. DEFINITIONS

ES - Emirates Steel

MOC - Management of Change

4. RESPONSIBILITIES

VP of Marketing & Strategy - Is responsible for approving the Standards, and delegating members of his department to review them on a periodical basis, and / or write new standards when deemed necessary.

Construction Manager Projects - Is responsible for ensuring that all projects undertaken within ES comply with these standards.

Engineering Manager Projects - Is responsible for revising the Standards as requested by the projects and operations departments.

5. DESCRIPTION

- 5.1 This document contains the reference list for all ES Project Engineering standards - as and when standards are added / removed or renamed this document will be updated accordingly.
- 5.2 This document, and the standards referenced within will be controlled as per the ES procedure QAD-GR-PR-001 - Control of Document Procedure.
- 5.3 All relevant Standards will be issued to Contractors with an Invitation to Bid.
- 5.4 Contractors and ES departments and personnel are required to ensure that their product and / or workmanship either meets or exceeds the requirements contained within the defined Standards.

- 5.5 In the case that a Contractor wishes to deviate from the issued Standards, the Contractor must formally request the allowance of a deviation in writing, which in turn must be accepted or refused by ES in writing.
- 5.6 If ES department or personnel wishes to deviate from the issued standards the Management of Change procedure (MOC) CEO-GR-PR-011, must be followed.

6. SUPPORTING DOCUMENTS

The following documents form the Projects Engineering Standards package.

- ES Engineering Standards Overview PRD-GR-GS-001
- ES Engineering Standards Introduction PRD-GR-GS-002
- Site Information Engineering Standards PRD-GR-GS-003
- Engineering Documentation PRD-GR-GS-004
- Automation Engineering Standards PRD-AU-GS-001
- Building Services Engineering Standards PRD-BS-GS-001
- Civil & Structure Engineering Standards PRD-CS-GS-001
- Cranes Engineering Standards PRD-CR-GS-001
- Electrical Equipment Engineering Standards PRD-EE-GS-001
- Instrumentation Engineering Standards PRD-IN-GS-001
- Mechanical Equipment Engineering Standards PRD-ME-GS-001
- Painting & Protection Engineering Standards PRD-PP-GS-001
- Piping Engineering Standards PRD-PI-GS-001
- Management of Change Procedure CEO-GR-PR-011

7. REVISION HISTORY

Issue No.	Date	Page/s	Cause of Revision
0	17.11.2019	All	First Issue