

Introduction

The design requirements and guidelines level 2 (DRG2) document contains the design requirements and guidelines affecting only each system by itself. It should be read in conjunction with the plant design specifications (PDS) which describes the externally imposed, essentially design-independent requirements, and the design requirements and guidelines level 1 (DRG1) which contains;

- i) plant level (multiple systems) requirements, guidelines, reference values as well as interfaces and specifications affecting more than one system (part 1),
- ii) functions of systems within the entire plant.

The DRG2 sections cover the following items.

- a) Additional functions beyond those described in DRG1.
- b) An outline of the basic system configuration to make the remaining text more comprehensible.
- c) System boundaries or interfaces are described to make clear the physical extent of the system, and therefore of the requirements.
- d) The requirement sand guidelines are presented according to their nature (e.g. design, operation, maintenance etc.,)
- e) Additional codes and standards for the design, procurement, manufacture, operation, maintenance, testing etc., beyond those imposed at the DRG1 level.

This document can be modified, with the required management approvals, in response to design decisions.