Pipeline Control Room Management

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1 Scope

1.1 Purpose

The purpose of this recommended practice is to provide pipeline operators, and pipeline Controllers with guidance on industry best practices on control room management to consider when developing or enhancing processes, procedures, and training. This document was written for operators with continuous and non-continuous operations, as applicable.

1.2 General

This document addresses pipeline safety elements in Pipeline Control Rooms for hazardous liquid and natural gas pipelines in both the transportation and distribution sectors:

— personnel roles, authorities, and responsibilities;

— guidelines for shift turnover;

— provide adequate information;

— fatigue mitigation;

— change management;

— training;

— operating experience; and

— workload of pipeline Controllers.

2 Normative References

This document contains no normative references. A list of documents associated with API RP 1168 is included in the bibliography.

3 Terms, Definitions, and Abbreviations

3.1 Definitions

For the purposes of this document, the following definitions apply.

3.1.1
abnormal operating condition
AOC
A condition identified by the operator that may indicate a malfunction of a component or deviation from normal operations that may:

a) indicate a condition exceeding design limits; and/or

b) result in a hazard(s) to persons, property, or the environment.