

Examples of Changes that Should Be Considered for Inclusion in the Scope of an MOC System Design

- **Process equipment changes**, such as materials of construction, design parameters, and equipment configuration
- **Process control changes**, such as instrumentation, controls, interlocks and computerized systems
- **Operations and technology changes**, such as process conditions or limits, process flow paths, raw materials and product specifications, introduction of new chemicals on site, and changes in packaging
- **Changes in procedures**, such as standard operating procedures, safe work practices, emergency procedures, administrative procedures, and maintenance and inspection/test procedures
- **Safety system changes**, such as allowing process operation while certain safety systems are out of service
- **Changes in inspection, testing, preventive maintenance, or repair requirements**, such as lengthening an inspection interval or changing the type of lubricant used in a compressor
- **Site infrastructure changes**, such as fire protection, permanent and temporary buildings, roads, and service systems
- **Organizational and staffing changes**, such as a reduction in the number of operators on a shift, a change in the maintenance contractor for the site, changing from 5-day operation to 7-day operation, or rotation of plant managers
- **Policy changes**, such as changes in the amount of overtime permitted
- **Other PSM system element changes**, such as modifying the MOC procedure to include a provision for emergency change requests
- **Other changes**, including anything that “feels” like a change but does not fit in a category established for a facility; this “other type” should be in every MOC system

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