

RULES FOR BUILDING AND CLASSING

FACILITIES ON OFFSHORE INSTALLATIONS 2018

NOTICE NO. 1 – July 2018

The following Rule Changes were approved by the ABS Rules Committee on 1 June 2018 and become **EFFECTIVE AS OF 1 JULY 2018**.

(See <http://www.eagle.org> for the consolidated version of the Rules for Building and Classing Facilities on Offshore Installations 2018, with all Notices and Corrigenda incorporated.)

Notes - The date in the parentheses means the date that the Rule becomes effective for new construction based on the contract date for construction. (See 1-1-4/3.3 of the ABS Rules for Conditions of Classification – Offshore Units and Structures (Part 1).)

CHAPTER 3 FLOATING INSTALLATIONS

SECTION 3 HYDROCARBON PRODUCTION AND PROCESS SYSTEMS

7 Packaged Process Units

(Revise Paragraph 3-3/7.1, as follows:)

7.1 General (1 July 2018)

- i)* Packaged process units are considered subsystems of the total production process systems.
- ii)* (2017) Subsystems are to comply with 3-3/11, 3-3/13, 3-3/15, 3-3/17, and 3-6/29 for process system requirements and 3-3/9 for major equipment requirements. For water injection equipment, where a risk assessment, submitted and reviewed by ABS, demonstrates that the likelihood of hydrocarbons migrating into the water injection system/equipment is negligible, compliance with requirements in 3-4/3 is acceptable.
- iii)* The electrical installation and instrumentation and control systems are to comply with Chapter 3, Sections 6 and 7.
- iv)* Fire protection systems are to comply with Chapter 3, Section 8 of these Rules.

Note: Containers and associated lifting sets used solely for shipping or transferring equipment to the unit are not subject to the requirements of this Section. The ABS *Guide for the Certification of Offshore Containers* may be applied for these items outside the scope of these Rules.

CHAPTER 4 FIXED INSTALLATIONS
SECTION 2 DESIGN PLANS AND DATA

7 Hydrocarbon Production and Process Systems (1 July 2012)

(Revise Paragraph 4-2/7.11, as follows:)

7.11 Packaged Process Units (1 July 2018)

Packaged process units include, but are not limited to, the following:

- Dehydration
- Separation
- Sweetening
- Stabilizing
- Vapor recovery
- Gas compression for fuel or re-injection

Documentation requirements for packaged process units include:

- i) Skid arrangements and assembly drawings
- ii) P & ID's – See 4-2/7.7
- iii) S.A.F.E. Charts and Cause and Effect Matrix – See 4-2/7.9
- iv) Process equipment documentation – See 4-2/7.13
- v) Piping system documentation – See 4-2/7.15
- vi) Pressure relief and depressurization systems – See 4-2/7.17
- vii) Electrical one-line diagrams – See 4-2/13.1
- viii) Control schematic – See 4-2/15.5
- ix) Structural design calculations for skid units in dry condition with a center of gravity height of more than 1.5 m (5 ft) or a maximum operating weight in excess of 10 MT (metric ton) or 22.05 Kips.

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