



Work Order: 5703956-A
 First Visit Date: 22-Feb-2023
 Last Visit Date: 03-May-2023
 Vendor PO Number: Job 223058
 Survey Location: Opera (MI); Italy

Equipment Certification Report

Asset Type Accumulator
Customer Name SAIP S.R.L.
WCN of Customer 804717
Location Opera (MI); Italy

This is to certify that the undersigned Surveyors to this Bureau did at the request of SAIP S.R.L. , from 22-Feb-2023 to 03-May-2023, carry out the following survey and report as follows:

Client Asset Name **Quantity**
 a) Pulsation dampener LA4 16

Name Plate Data

ABS Label	Manufacturer	Purchaser
a) Pulsation dampener LA4	SAIP S.R.L.	

Designer	Destination Vessel
SAIP S.R.L.	FPSO ATLANTA(Class Number 8940557)

Basic Identification Data

Serial Number	Model Number	Owner Tag Number	Supplier Ref. Number
223058/1, 223058/2, 223058/3, 223058/4, 223058/5, 223058/6, 223058/7, 223058/8, 223058/9, 223058/10, 223058/11, 223058/12, 223058/13, 223058/14, 223058/15, 223058/16	LA4	-	2203058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058, 223058

Report Details

ABS Stamping
 AB 5703956, 5703956

Design Details

Design state	Project Number	Reviewing Organization	Rule Set Name
Design Approved/Reviewed	4959237	Genoa Engineering Department	Rules for Building and Classing Facilities on Offshore Installations

Statement of Work - Classification Service - Certification -

NOTE: This Report evidences that the survey reported herein was carried out in compliance with one or more of the Rules, guides, standards or other criteria of the American Bureau of Shipping and is issued solely for the use of the Bureau, its committees, its clients or other authorized entities. This Report is a representation only that the vessel, structure, item of material equipment, machinery or any other item covered by this Report has been examined for compliance with, or has met one or more of the Rules, guides, standards or other criteria of American Bureau of Shipping. The validity, applicability and interpretation of this Report is governed by the Rules and standards of American Bureau of Shipping who shall remain the sole judge thereof. Nothing contained in this Report or in any notation made in contemplation of this Report shall be deemed to relieve any designer, builder, owner, manufacturer, seller, supplier, repairer, operator or other entity of any warranty express or implied.

- Testing machines are maintained in a satisfactory condition and records of their recheck or calibration dates confirmed.
- Pressure and/or proof-load testing of the equipment/component was witnessed to the satisfaction of the attending Surveyor.
- Material test reports (MTR) were reviewed and found to be the satisfaction of the attending Surveyor. Where required by the Rules, ABS material certification reports have been verified.

Report Findings

Statement/Observation

Finding No	Asset	Survey Task	Date Created
60.0	-	Certification - a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4, a) Pulsation dampener LA4	03-May-2023

Found

- Sixteen (16) Bladder Accumulators type LA 4
 - MAWP 145 bar @ 80°C
 - Material grade stainless steel ASME SA-312 TP316
 - capacity 4 l

At request of SAIP, above mentioned dampeners were subject to following tests and examinations in the presence of undersigned Surveyor at SAIP premises in Opera (MI):

- Review of material certificates: found traceable 3.1 EN 10204 material certificates for main pressure components
- Witness of hydrostatic test for 30 minutes at 1.5 times MAWP (accumulators assembled with a rubber seal in place of bladder): no leakage observed.
- Visual and dimensional examinations of steel parts of accumulators: no visible defects nor deviation from approved drawings found
- Visual examination of bladder: no visual defect found
- Accumulator marked AB for traceability purpose

Above test procedure complies with ABS Rules for Building and Classing Facilities on Offshore Installations.

Closing Paragraph:

The component/equipment was surveyed in accordance with the Rules, specifications, and approved drawings, as applicable, and is eligible for installation on board an ABS classed vessel subject to satisfactory installation and testing, as necessary.

Attending Surveyor(s):



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Picchi, Dimitri
Signed-off Date: 03-May-2023

Reviewing Surveyor(s)

Work Order Reviewer: Bucella, Angelo
Work Order Credit Date: 09-May-2023

SAMPLE