



# Supervision report

Report	
Report title <b>Report after supervisory activity at the St Fergus Land Facility and px Limited offices in Aberdeen</b>	Activity number 003000026
Involved	
Main group in PSA T-Land facilities	Task leader Trond Sundby / Aaron Hasnip
Supervisory team Trond Sundby, Espen Landro, Aaron Hasnip	Date 20.12.2016

## 1 Introduction

The Health and Safety Executive (HSE) and the Petroleum Safety Authority (PSA) have conducted a joint supervisory activity at the Gassco St Fergus pipeline terminal in St Fergus and at px Ltd. offices in Aberdeen. The supervisory activity was conducted as a meeting with px Ltd. at their offices in Aberdeen Tuesday 15<sup>th</sup> November 2016 and at the Gassco pipeline terminal in St Fergus Wednesday 16<sup>th</sup> November 2016, including a site inspection of the pipeline and pig receiving facilities inside the terminal.

## 2 Background

From March 2016 Gassco took over the full responsibility for the operation of the Vesterled pipeline and the Gassco pipeline terminal in St Fergus. As a result of this it was decided to carry out a supervisory activity to verify the process related to the change of operatorship.

The daily operation of the terminal is handled by px Ltd. who have been appointed as a Technical Service provider (TSP) for St. Fergus.

The supervision was to be conducted in accordance with agreements between UK and Norwegian authorities, and to demonstrate compliance with the HSE Pipelines Safety Regulations 1996 and the PSA Management and Activities Regulations of 2011.

## 3 Objectives

The objectives of the supervisory activity were to review and audit Gassco's follow-up activities and safety management arrangements for the pipeline including associated installations and terminal in St Fergus.

## 4 Results

The joint supervisory activity identified areas of improvement as follows;

## **5 Observations**

### **5.1 Transition process - documentation**

During the audit we asked both Gassco and px Ltd. about how documentation was handled in the companies and in the transition process. In the first part we asked Gassco how they manage their documentation related to operation of the pipelines and terminals in general and more specific for Vesterled and St Fergus. We were informed about relevant documentation that px Ltd. as a TSP had to comply with.

Based on our audit with px Ltd it was not obvious what Gassco documents were relevant for px Ltd., and what they needed to comply with.

We also reviewed the transition process and did not get clear answers on what information should be ready and implemented, at what time, and when the transition process is regarded as completed.

To address the issues raised following the supervisory activity Gassco / px Ltd. should provide:

1. a plan of the milestones in the transition process including information on when it is regarded as completed;
2. an overview of specific Gassco documents and procedures that are relevant for, or need to be complied with by, px Ltd.;
3. an overview of how px Ltd. ensures they have access to specific Gassco documents and procedures that are relevant for, or need to be complied with by, px Ltd.; and,
4. information on how relevant px Ltd. documentation are controlled internally regarding responsibilities and signatures.

### **5.2 Maintenance management – transfer and prioritization**

We established that px Ltd. is in transition from using SAP as their system for management of maintenance to using Q4. The new Q4 database was established at the time of the supervisory activity, but will not be fully operational until 2017. At the time of the supervisory activity px Ltd. were not using the previous maintenance system SAP, but were still using the plans and processes that they had printed from the old system and in some way implemented into the new system for maintenance management Q4. We were informed that there were data compatibility issues in transferring the data from SAP to Q4 although the ‘raw data’ is available if required.

We were also informed that in the transition from SAP to Q4 px Ltd. has changed the classification and criticality of equipment in the maintenance system. It was unclear if the maintenance could be regarded as live and fully operational in the transition phase. At the time of the supervisory activity we were informed only parts of the maintenance system was transferred and that it was an ongoing process.

To address the issues raised following the supervisory activity Gassco / px Ltd. should provide:

1. a plan for the transition process from SAP to Q4, when it is regarded as complete and how it is verified; and,

2. how possible changes in the management of equipment in the transition phase is handled.

### **5.3 Documentation**

During the supervisory activity we were informed about documentation and transfer of documentation from Total to px Ltd. A large amount of information and documentation has been identified for transfer.

There were also identified improvements to existing documentation, but it was not clear how that was handled in the transition process.

To address the issues raised following the supervisory activity px Ltd. should provide information on how:

1. documents are prioritized in the transfer process and the plan for implementation; and,
2. improvements to px Ltd. internal documentation and relevant Gassco documentation are handled.

## **6 Other comments**

During the supervisory activity we asked for the following documentation:

- St. Fergus Operational Integrity Assurance and Verification Scheme (OIAVIS) for Pipeline ESDV's and Isolation Valves
- px Ltd. Aberdeen and Home Office Support Organogram.
- Gassco Review: Transfer of Operatorship (EA 16-002)
- Gascco Management Inspection Report: St. Fergus Management Inspection Report, 18 October 2016.
- px Ltd. Asset Risk Map (unmitigated).
- Copy of presentations in meetings by Gassco and px Ltd.

## **7 Participants from HSE and PSA**

Aaron Hasnip HSE

Espen Landro PSA

Trond Sundby PSA

## **8 Documents**

The following documents were used during the planning and execution of the supervisory activity;

1. Gassco and px Ltd. Organisation Charts
2. St Fergus Terminal Monthly Report for Gassco, August 2016

3. St Fergus Collaboration, Reporting and follow Up – Governing document, procedure no: OJ22-GA.PR-02.187, Revision: 02, 18.12.2015
4. Gassco Monitoring programme 2016 – Governing document CM13-GA.RO-15.116240, Revision: 03

## **9 Enclosure A**

Participants from Gassco and px Ltd.