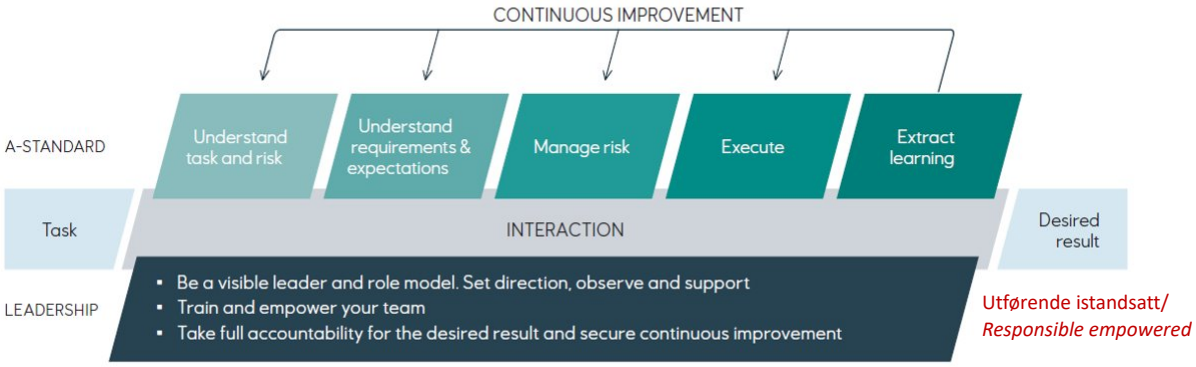
Å være i søkelyset – ansattperspektivet i granskninger

Human and organisational root courses – learning after the leak in the Gas Turbine on Statfjord C, May 24th 2019

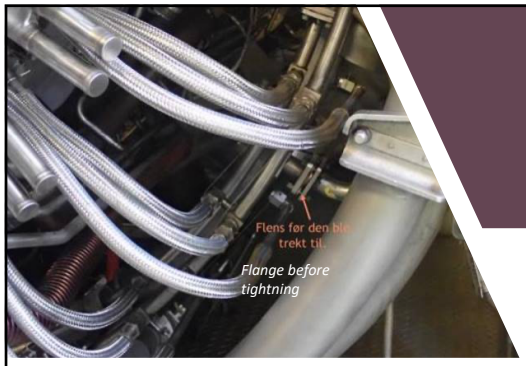
1

The Compliance and Leadership model



Utførende istandsatt/
Responsible empowered

2



Equinor Internal investigating report

equinor

Granskingsrapport
COA ACC
Intern ulykkesgransking

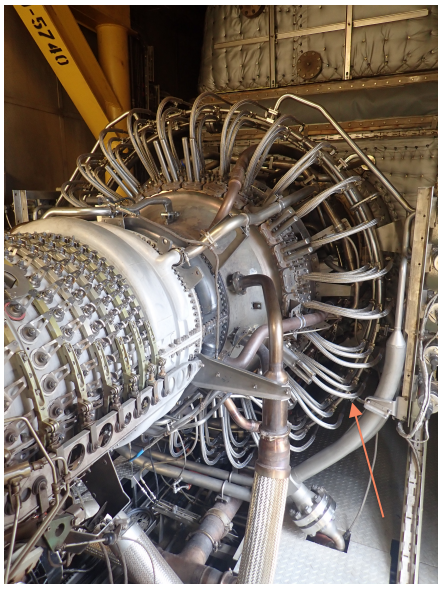
Gasslekkasje i turbinhood C17 på Statfjord C
ved oppstart etter vedlikehold

Klassifisering:	Status:
Åpen	Endelig – frigitt
Rapport nr.: DPN SFC L2 2019-13	Dato: 20.09.2019
Utløpsdato: 20.09.2024	Synergi nr.: 1580437

3

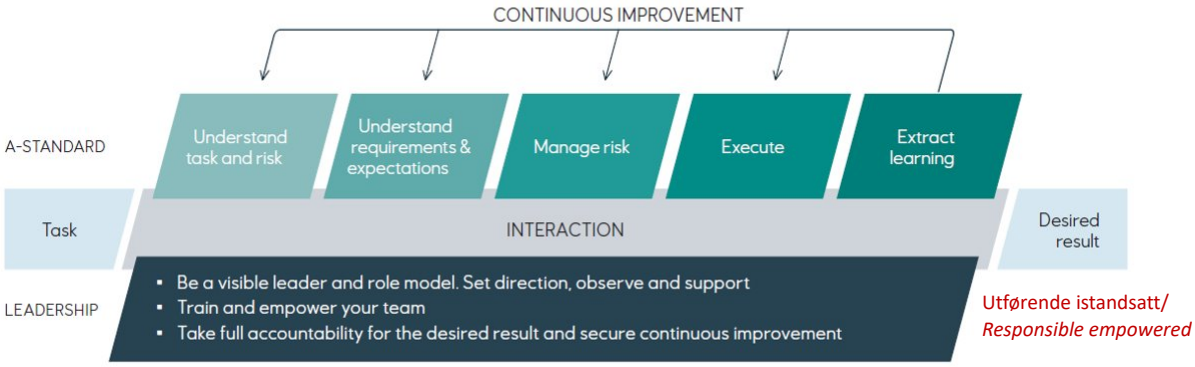
1. **"Failure to comply with the work permit process, both in connection with approval, completion and termination of work, has contributed to this incident"**
2. **"The work permit did not indicate that the fuel gas lines were to be split, and the management team on the platform was not aware of what the maintenance routine entailed."**
3. **"Turbine mechanics mostly work alone. They have a mutual trust in each other's competence and quality in work execution. There was no control routine of maintenance work done on the turbine. Tightening of the bolts on the fuel gas flanges was not documented".**
4. **"Information about replacement of gaskets on fuel gas lines in the gas turbine was only included in handover between the turbine mechanics during crew change. Therefore, at the start of the turbine, no one on board the platform was aware of the risk of gas leakage".**
5. **"Monitoring gas detection trend during start-up after turbine maintenance was not common procedure".**
6. **"Control of maintenance work performed in the turbine could have prevented the incident and monitoring the gas detection trend during the start-up could have reduced the consequence".**
7. **"Lack of understanding / recognition of how life events can affect work ability and stress tolerance may have contributed to failure to recognise that a person who was assigned to solve a task became overloaded"**
8. **"There was a lack of consistency between the amount of work on the work order plan and available personnel resources, and at the same time the mechanics perceived "Plan Achievement" as an important performance indicator".**
9. **"Unplanned corrective maintenance contributed to a high perceived and real work load. These were performance-shaping factors that may have negatively affected the operational barriers"**

4



5

The Compliance and Leadership model



Utførende istandsatt/
Responsible empowered

6