

General Safety

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1 Introduction

This document describes how the Siemens Industrial Turbomachinery AB (SIT) Safety Program is built up and how to act to minimise the risks of personal injury or death. It is of the utmost importance that all personnel must be familiar with the safety regulations. Maximum safety of personnel is of primary importance followed closely by protection of equipment from damage.

2 Safety procedures

The SIT equipment is designed to provide safe, reliable operation. In order to ensure this high safety, the machine is constructed to be safe. In addition, the machine is equipped with the safety devices described below. It is very important that operators and technicians are conscious of these safety aspects.

2.1 Warning signals

The purpose of the warning signals is to warn of fire. Always follow the instructions given in the Operation and Maintenance manuals.

2.2 Alarm & Trip

The control system continuously monitors the gas turbine and will alarm for abnormal operation. When there is a risk for personnel/equipment the gas turbine will trip. However, there is always a need of operator supervision of the control system.

2.3 Contact protections

In order to eliminate the risk of getting into contact with dangerous components such as rotating parts. These parts have been equipped with covers, isolation or rails. It is entailed with danger to life to remove these contact protections.

2.4 Warning signs

The gas turbine has several warning signs mounted in the high-risk areas, which are not equipped with protective devices. It is important to check regularly that the warning signs are fully visible for the operators and the technicians.

2.5 Warnings & Cautions

Warnings are to be found in the Operation Manual and in the Maintenance Manual and must be followed in any situation or condition. Negligence of obeying these warnings and cautions means danger to life and/or damage to the equipment.

3 Warning & Caution symbols

Common for all documents are the different levels of safety information. These are:

- Warning (symbol shown below)
- Caution

The definition of the different levels and the way they are presented in the documentation are given below.



Warning!

Indicates the presence of danger. Ignoring the sign may lead to personal injury or death and/or damage to the equipment.

Caution!

Informs you of situations or conditions which, if not adhered to, may damage machinery or cause additional wear to the equipment.

REVISION

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