NORITZ WATER HEATER ERROR CODE 16 - special diagnostics

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16 Error code

What is a 16 error code?

A 16 error occurs when your output temperature is reaching temperatures way above your set temperature. This error code is has a major role for safe operation. Temperatures can raise up and scald people. When an error code of 16 occurs the main servo will completely shut off the hot water thus preventing the end user from scalding temperatures.

Reasons why a 16 error code occurs?

There can be multiple reasons why you are getting a 16 error code.

1. ***Scale production***
   Usually the reason for the error code is due to scale build inside the heat exchanger. Scale will retain extra heat and slow down the flowrate which will create a hot spot and over heat the water.

2. ***Clogged water filter or low water pressure***
   A dirty or clogged water filter can reduce the pressure and flow in the heater which will then cause the water to overshoot the output temperature.

3. ***Manifold gas pressures not within range***
   By having the manifold gas pressures too high the amount of BTUs will also be too high which will raise the temperature abnormally. Make sure to inspect your manifold gas pressures via a digital manometer. Contact Noritz technical department for the correct manifold values.

How to reset a 16 error code?

In order to get the unit back into operation the heater will need to be hard reset by unplugging the heater and waiting 1 minute before reconnecting power.