

SAFETY FLASH ALERT

No: IHS – 01 - 2018

Applicable Area: Operations ☐ Maintenance ☒ Construction ☐ Marine ☐ General ☒

Water Heater Explosion

What happened

On 23 January 2018 at approximately 7pm the water heater tank situated in the master bedroom walk-in wardrobe of a QP senior staff villa in Messaieed exploded resulting in catastrophic damage. The house was not occupied at the time so there were no injuries.

Why (Immediate Cause):

A preliminary investigation indicates that the likely immediate cause was a malfunctioning of the thermostat control and failure, or absence, of the pressure relief valve allowing the contents to become superheated and over-pressurizing the tank.

Immediate Actions:

Inspect all water heaters in your house to ensure that:

- No signs of corrosion or damage
- Thermostats are in good working condition
- Pressure relief valve is fitted and working
- Report any defects or concerns to housing maintenance service provider



Remember, the consequences could have been fatal injuries had this Villa been occupied!!

Previous Incidents / Injuries related to topic: Yes ☐ No ☒

References:

Life Saving Rules applicable to topic:

