

Verification of fabrication integrity of filter element

■ Corresponding standard : JIS B8356-2 /ISO2942

Test Overview

In filter element, oil flows from upstream to downstream passing through filter media. If the oil leaks from other places in the element, contaminants escape from there and promised performance is not fulfilled. This test is to see whether there is any defect in the filter element and determine fabrication integrity.

Procedure

1. Submerge filter element in test liquid (mainly alcohols)
2. Apply air pressure to the element rotating it slowly around 360 degree.
3. Make sure if there is no evidence of a persistent stream of bubble at a pressure specified by the manufacturer.

Test equipment

