Thermal Acoustic Insulation Contamination

Route Map

Thermal Acoustic Insulation Contamination

Develop Document outlining In-service Methodology

PHASE 1-6

Thermal Acoustic Insulation Contamination

ASCERTAIN Ignition Sources → **A Major Cause of Hidden Fire Occurrences is Electrical Arcing** → **Development of a TEST Rig "Simulating" Arc Faults**

PHASE 1

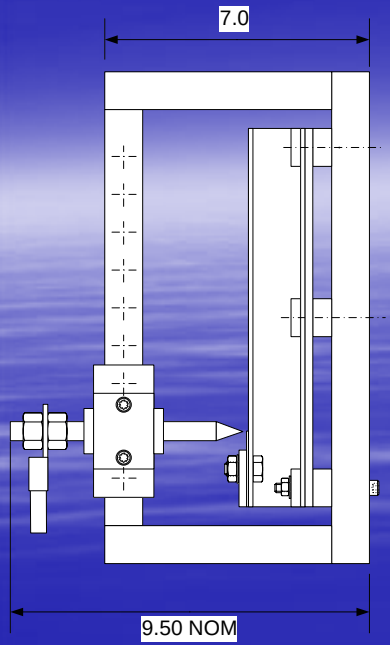
Thermal Acoustic Insulation Contamination

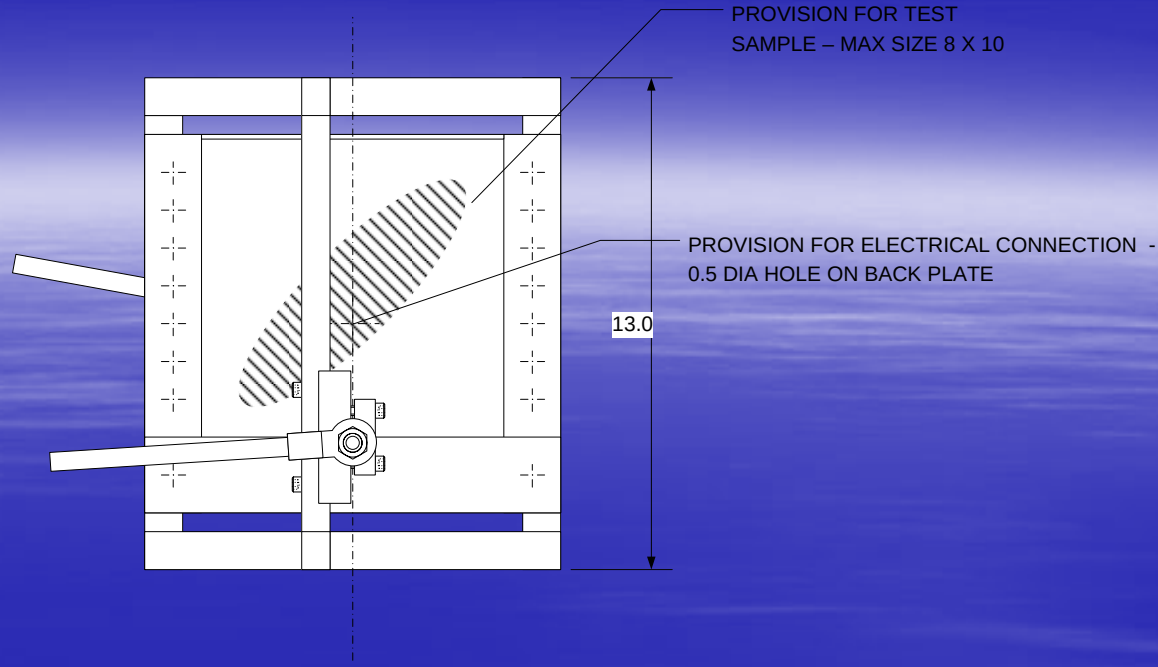
Development of a TEST Rig "Simulating" Arc Faults

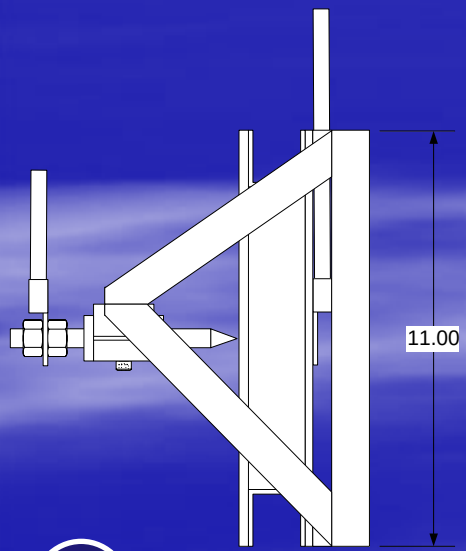
→

Test Rig Design Complete

PHASE 2







TEST RIG

PHASE 2

Thermal Acoustic Insulation Contamination

Build Test Rig → **Commission & Validate Test Rig**

Need for Samples

PHASE 3 - 4

Thermal Acoustic Insulation Contamination

Build Test Rig → **Commission & Validate Test Rig** → **Feasibility of Arc Fault Interrupters?**

Need for Samples

PHASE 3 - 4

Thermal Acoustic Insulation Contamination

Determine likely contaminants based on past surveys

Consider whether past Contaminant Surveys are sufficient

PHASE 1

Thermal Acoustic Insulation Contamination

Determine Survey Programme

Note: Consideration may also need to be given to potential contaminants that are supplied by Manufacturers or Operators

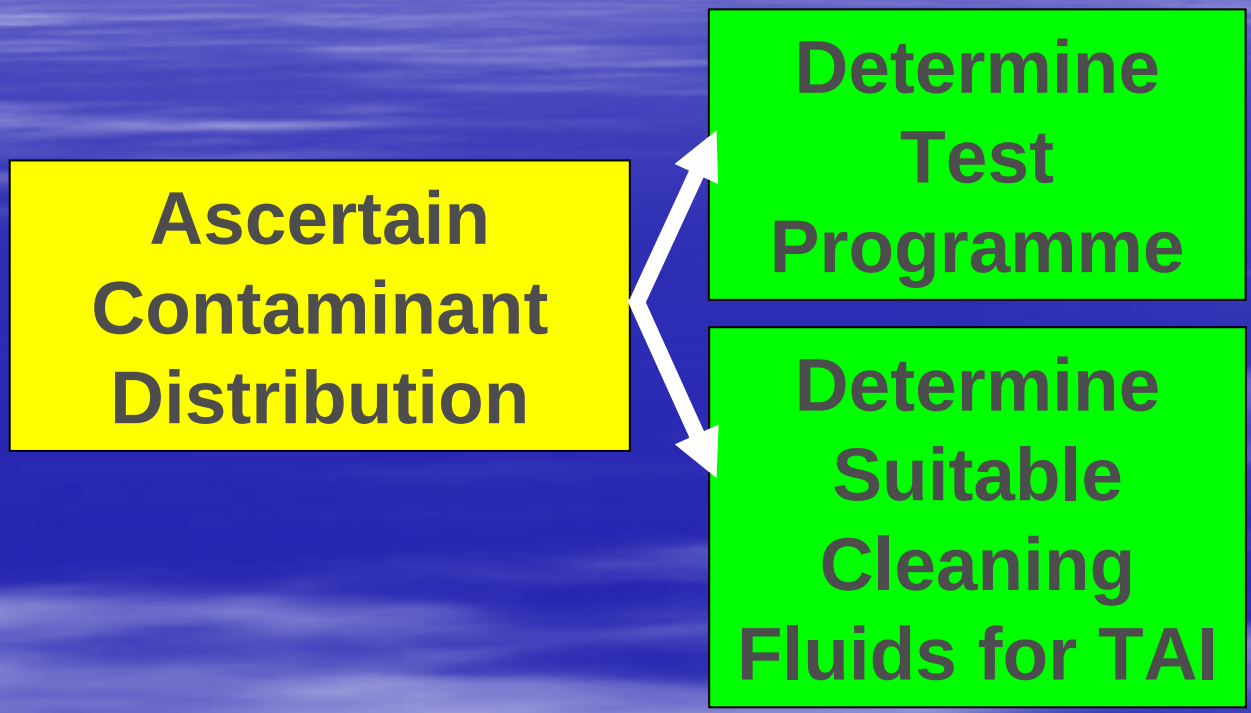
PHASE 2

Thermal Acoustic Insulation Contamination

Carry Out Surveys

PHASE 3

Thermal Acoustic Insulation Contamination



PHASE 4

Thermal Acoustic Insulation Contamination

Testing of Contaminated & Non-contaminated Samples → **Ascertain Flammability of Contaminated TAI**

PHASE 5

Thermal Acoustic Insulation Contamination

Document & Distribute Test Results → **Finalise In-Service Methodology** → **Implement In-Service Methodology**

PHASE 6