

Technical Requirements for

FIRE EXTINGUISHER, DRY CHEMICAL

PRODUCT SPECIFICATIONS

- Dry Chemical (Mono-Ammonium Phosphate)
- For ABC class of fire
- Stored pressure type
- Mass of extinguishing medium: 4.5kg
- Purity of the dry chemical (min.): 75%
- Duration of discharge (min.): 10 seconds
- With pressure gauge control
- Non-electrical conductor, non toxic
- The extinguisher cylinder shall be corrosion resistant
- With PS Quality or ICC Mark
- Warranty: Three (3) years standard

EVIDENCE and VERIFICATION

- **Documentary Evidence to be submitted during Post-qualification:**
 - Valid test report from a government laboratory testing center or government accredited private laboratory testing center or third party laboratory testing center. In case there is no available government laboratory center or the required testing method is not available, the test may be conducted by a government accredited private testing center; or if still not available, by a third party laboratory testing center.
 - Valid test report showing compliance to the following parameter:
 - Dry Chemical (Mono-Ammonium Phosphate)
 - Duration of discharge (min.): 10 seconds
 - Mass of extinguishing medium: 4.5kg
 - Purity of the dry chemical (min.): 75%
 - PS Quality or ICC Certificate
 - Warranty: Three (3) years standard
 - Certification from the manufacturer on corrosion resistant cylinder
- **A Confirmatory Test during delivery** from a government laboratory testing center or government accredited private laboratory testing center or third party laboratory testing center. In case there is no available government laboratory center or the required testing method is not



available, the test may be conducted by a government accredited private testing center; or if still not available, by a third party laboratory testing center.

- o Valid test report showing compliance to the following parameter:
 - Dry Chemical (Mono-Ammonium Phosphate)
 - Duration of discharge (min.): 10 seconds
 - Mass of extinguishing medium: 4.5kg
 - Purity of the dry chemical (min.): 75%

- **In-House Test:**

- o Labeled "For ABC class of fire"
- o Labeled "Non-electrical conductor and non toxic"
- o Stored pressure type
- o With pressure gauge control
- Two (2) sample units with marking/labeling shall be provided by the bidder during the submission of additional post-qualification documents for verification of the product specifications.

PACKAGING

- One (1) unit per box.
- Additional Requirement on Packaging, refer to the attached Annex "A"

MARKING/LABELING

- Shall conform with the PNS 15 Part 1:1989
- With PS Quality or ICC Mark

REFERENCES

- *PNS 15 Part 1:1989*

