



PARTS TECHNICAL EVALUATION FORM

PTE Number: 0047-3

Revision: 0

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Part Name or Description: Radial Neutron Shield Component, - Alpha-Methyl-Styrene

TN Drawing No.: 1049-30-3, 1042-30-3, 1084-30-3, 1087-30-3, 972-30-3

TN Item No: 7 on all listed drawings

Other Reference Documents:

Intended Application: TN-32, TN-40, TN-68 Dry Storage Casks

Safety Classification: Safety-Related Non Safety-Related
If Non Safety Related, provide functional basis including failure modes and effects analysis, if appropriate.

File No # 4.1

Record No #

If Safety Related, Method of Procurement: Nuclear QA Program:
CG Dedication:

Supplier: Ashland Chemical, FRP Supply, PO Box 2219, Columbus, OH 43216
(5200 Blazer Pkwy, Dublin, OH 43017)

Procurement Requirements:
Part Description: Alpha-Methyl-Styrene
Part or Identifying No.: Alpha-Methyl-Styrene

Technical/Quality Procurement
Requirements: Color = APHA or pt-co ≤ 20 ;
Inhibitor Content 10-20 ppm;
Specific Gravity 0.903-0.9085 @ 25°/25° C
Purity ≥ 99.0 %;

Documentation Requirements: Certificate of Analysis

Receipt Inspection Requirements:
Package condition and marking: all packaging to be clearly marked with supplier's description and lot number; Certificates should be legible and in English and shall include material description and lot number. Verify documentation includes certification to technical / quality requirements.

Prepared By: [Signature]
Project Engineer

Date: 1/26/00

Reviewed: M 1/27/00

[Signature] 1/27/00

Chief Engineer - Date

Project QA Eng./Spec. - Date