

Engineering Standard

SAES-O-120

26 October 2005

Expanded Steel Mesh

Safety & Security Standards Committee Members

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Saudi Aramco DeskTop Standards

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1 General

This standard refers to Expanded Metal Mesh required for protecting vital equipment per [SAES-O-100](#), paragraph 1.3. This Standard shall be used in conjunction with Safety and Security Directive No. 20 (SSD/20) of the Saudi Arabian Government Supreme Commission for Industrial Security.

2 Amendments

Safety and Security Directive No. 20 has not been amended by the Supreme Commission for Industrial Security.

3 Commentary

Certain clarifications have resulted from applying this standard to Saudi Aramco projects. The following items reflect a general understanding reached with representatives of the Supreme Commission for Industrial Security and should be verified through liaison by the Proponent with the General Manager of Industrial Security Operations and the Manager of the Consulting Services Department in case there are conflicts with other company engineering standards and materials specifications, standard drawings or Industry Codes.

3.1 Figure A clarifies the dimensions indicated on the Table included in SSD/20.

3.2 Reference Standards (Latest Edition)

Saudi Aramco Engineering Standards

[SAES-O-100](#) *Safety and Security, General Requirements*

[SAES-O-110](#) *Protection of Vital Equipment*

[SAES-O-117](#) *Gate House and Vehicle Lock*

Safety and Security Directive

SSD/20 *Expanded Steel Mesh - Dimensions*

Revision Summary

26 October , 2005

Revised the "Next Planned Update". Reaffirmed the contents of the document, and reissued with no other changes.

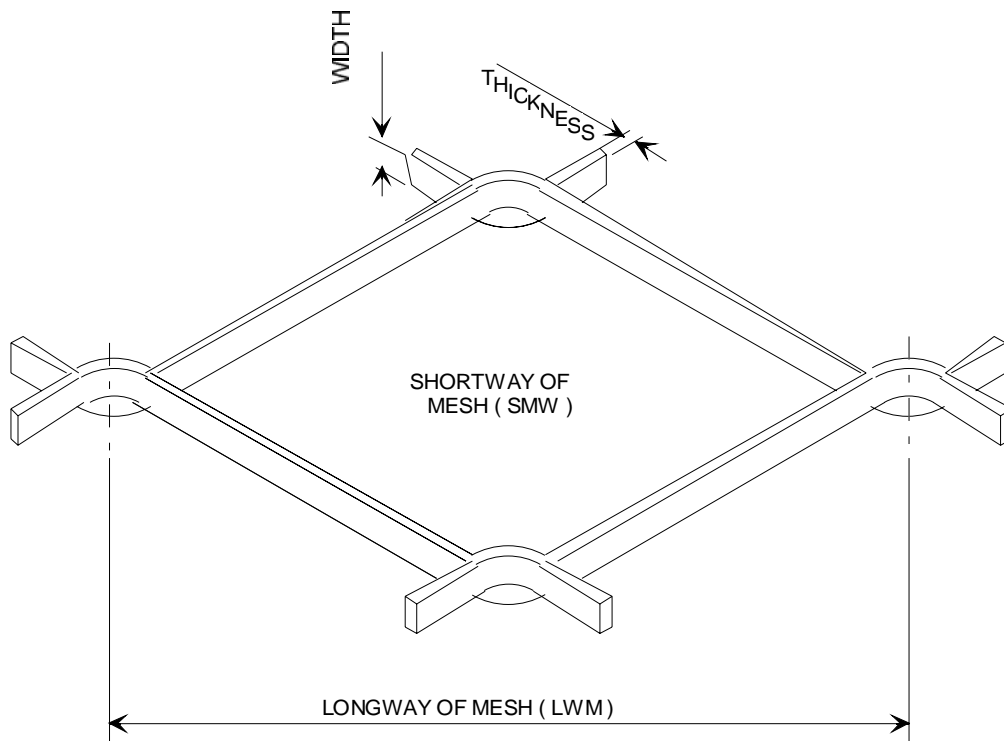


Figure A – Mesh Dimensions