

Materials Sampling Guide

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Guard Rail

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DATE: 08-23-00
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Item or Group	Minimum Material Certificate, Test and Inspection Requirements					Note No	Page No
	Sample Required (Tests to be made at Lincoln laboratory)	Approved Products Lists	Manufacturer Certified Tests Required	Manufacturer Certification of Compliance Required	Location of Additional Information		
SECTION: 17 – Guard Rail							
1) Beam Guard Rail						---	---
A) Beam Element	Yes – At least one sample of each of the items used in the guard rail assembly unless shipped from tested and approved stock. Sample will be returned.	No	Yes	No		10	6
B) Steel Posts, End Posts, Special Posts, Adaptor Plates	Yes – At least one sample of each of the items used in the guard rail assembly unless shipped from tested and approved stock. Sample will be returned.	No	Yes	No		1 10	1 6
C) End Anchor Assembly and Breakaway Terminal Section	Yes – At least one sample of each the items used in the guard rail assembly unless shipped from tested and approved stock. Sample will be returned.	No	No	Yes		10	6
D) Miscellaneous Hardware Bolts, Washers, etc.	Yes – At least one sample of each of the items used in the guard rail assembly unless shipped from tested and approved stock.	No	No	Yes		1 10	1 6
E) Wood Guard Rail Posts and Blocks	No – Unless requested by the Materials and Research Division.	No	See Note	See Note		25	11
F) Insert Assembly	No – Unless requested by the Materials and Research Division	No	No	Yes		---	---
2) Cable Guard Rail							
A) Cable	Yes – At least one sample 6 ft long from each reel unless shipped from tested and approved stock.	No	Yes	No		10	6
B) Posts and Hook Bolts	Yes – At least one sample of each of the items used in the guard rail assembly unless shipped from tested and approved stock. Sample will be returned.	No	No	Yes		10	6
C) Tension Spring Assemblies	Yes – At least one sample of each of the items used in the guard rail assembly unless shipped from tested and approved stock.	No	No	Yes		10	6
D) Anchor Assemblies	Yes – At least one sample of each of the items used in the guard rail assembly unless shipped from tested and approved stock. Sample will be returned.	No	No	Yes		10	6