

Form Name	HEATER_GRADING STANDARDS					
Form Number	3100-001-1.0					
Status	IN USE					
Submission Date	5/11/2021					
Author(s)	BRITTANY SANDERS					
Version Number	1.0					
Approval Date						
Approved By						
Notes						

Category: HEATER											
Grade: A											
	A-Surface B-Surface C-Surface										
SHALLOW SCRATCHING (will not stop a fingernail)											
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Length	1.5	IN	Length	2.75	IN	Length	4.5	IN			
DEEP SCRATCHING (will stop a fingernail)											
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Length	0.75	IN	Length	1.5	IN	Length	3	IN			
	DENTS										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Length	0.25	SQ IN	Length	0.25	SQ IN	Length	0.25	SQ IN			
Depth	0.25	IN	Depth	0.25	IN	Depth	0.25	IN			
Quantity	0	Count	Quantity	1	Count	Quantity	2	Count			
			LIGHT RUE	SS/ABRASI	ONS/HAZI						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Area	5	%	Area	15	%	Area	50	%			
			DEEP RUB	S/ABRASI	ONS/HAZE						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Area	2	%	Area	10	%	Area	25	%			
			ı	RIPS/TEAR	S						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Length		IN	Length		IN	Length		IN			
Quantity	N/A	Count	Quantity	N/A	Count	Quantity	N/A	Count			
				CRACKS							
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Length		IN	Length		IN	Length		IN			
Quantity	NONE	Count	Quantity	NONE	Count	Quantity	NONE	Count			
,				OGO DEF		,					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Area	5	%	Area	5	%	Area	5	%			
				CHIPS							
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit			
Length		IN	Length		IN	Length		IN			
Quantity	NONE	Count	Quantity	NONE	Count	Quantity	NONE	Count			
,			,	RUST			•				
Criteria	Меа	sure	Criteria	Меа	sure	Criteria	ia Measure				
Allowed	N	0	Allowed	N	0	Allowed					
				NOTES							

			Cat	egory: HEA	TER					
				Grade: A						
	A-Surface			B-Surface			C-Surface			
SHALLOW SCRATCHES (will not stop a fingernail)										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	3.81	СМ	Length	6.985	СМ	Length	11.43	СМ		
DEEP SCRATCHES (will stop a fingernail)										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	1.905	СМ	Length	3.81	СМ	Length	7.62	СМ		
DENTS										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length		SQ CM	Length		SQ CM	Length		SQ CM		
Depth	0.25	MM	Depth	0.25	ММ	Depth	0.25	MM		
Quantity	0	Count	Quantity	1	Count	Quantity	2	Count		
			LIGHT RUE	S/ABRASI	ONS/HAZE					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	5	%	Area	15	%	Area	50	%		
			DEEP RUB	S/ABRASIO	ONS/HAZE					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	2	%	Area	10	%	Area	25	%		
				RIPS/TEAR	S					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0	СМ	Length	0	СМ	Length	0	СМ		
Quantity	N/A	Count	Quantity	N/A	Count	Quantity	N/A	Count		
				CRACKS						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0	СМ	Length	0	СМ	Length	0	СМ		
Quantity	NONE	Count	Quantity	NONE	Count	Quantity	NONE	Count		
			IMAGE/L	OGO DEFA	CEMENT					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	5	%	Area	5	%	Area	5	%		
				CHIPS						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0	СМ	Length	0	СМ	Length	0	СМ		
Quantity	NONE	Count	Quantity	NONE	Count	Quantity	NONE	Count		
				RUST						
Criteria	Меа		Criteria	Меа		Criteria	Меа			
Allowed	N	0	Allowed NO		Allowed NO					
				NOTES						

			Cate	egory: HEA	ATER					
				Grade: B						
	A-Surface		B-Surface			C-Surface				
SHALLOW SCRATCHING (will not stop a fingernail)										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	3.5	IN	Length	5	IN	Length	6.5	IN		
Quantity	2	Count	Quantity	3	Count	Quantity	4	Count		
DEEP SCRATCHING (will stop a fingernail)										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	2.5	IN	Length	4	IN	Length	5.5	IN		
Quantity	1	Count	Quantity	2	Count	Quantity	3	Count		
				DENTS						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0.35	SQ IN	Length	0.5	SQ IN	Length	0.5	SQ IN		
Depth	0.35	IN	Depth	0.35	IN	Depth	0.35	IN		
Quantity	2	Count	Quantity	2	Count	Quantity	3	Count		
LIGHT RUBS/ABRASIONS/HAZE										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	25	%	Area	50		Area	75	%		
			DEEP RUB	S/ABRASI	ONS/HAZI					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	20	%	Area	30		Area	50	%		
			l	RIPS/TEAR	S					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length		IN	Length		IN	Length		IN		
Quantity	N/A	Count	Quantity	N/A	Count	Quantity	N/A	Count		
			CR/	ACKS (hair	line)					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0.25	IN	Length	0.5	IN	Length	0.75	IN		
Quantity	1	Count	Quantity	1	Count	Quantity	1	Count		
			IMAGE/L	OGO DEF	ACEMENT					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	25	%	Area	25	%	Area	25	%		
				CHIPS						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0.5	IN	Length	0.5	IN	Length	0.75	IN		
Quantity	2	Count	Quantity	4	Count	Quantity	4	Count		
				RUST						
Criteria	Measure		Criteria Measure			Criteria Measure				
Allowed	NO		Allowed NO			Allowed	N	10		
				NOTES						

Category: HEATER										
Grade: B										
A-Surface			B-Surface			C-Surface				
SHALLOW SCRATCHES (will not stop a fingernail)										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	8.89	CM	Length	12.7	СМ	Length	16.51	СМ		
DEEP SCRATCHES (will stop a fingernail)										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	6.35	СМ	Length	10.16	СМ	Length	13.97	СМ		
DENTS										
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length		SQ CM	Length		SQ CM	Length		SQ CM		
Depth	0.35	MM	Depth	0.35	MM	Depth	0.35	MM		
Quantity	2	Count	Quantity	2	Count	Quantity	3	Count		
			LIGHT RUE	SS/ABRASI	ONS/HAZE					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	25	%	Area	50	%	Area	75	%		
			DEEP RUB	S/ABRASIO	ONS/HAZE					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	20	%	Area	30	%	Area	50	%		
			ا	RIPS/TEAR	S					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0	CM	Length	0	СМ	Length	0	СМ		
Quantity	N/A	Count	Quantity	N/A	Count	Quantity	N/A	Count		
				CRACKS						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	0.635	CM	Length	1.27	CM	Length	1.905	СМ		
Quantity	1	Count	Quantity	1	Count	Quantity	1	Count		
			IMAGE/L	OGO DEFA	CEMENT					
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Area	25	%	Area	25	%	Area	25	%		
				CHIPS						
Criteria	Measure	Unit	Criteria	Measure	Unit	Criteria	Measure	Unit		
Length	1.27	СМ	Length	1.27	СМ	Length	1.905	СМ		
Quantity	2	Count	Quantity	4	Count	Quantity	4	Count		
				RUST						
Criteria	Меа		Criteria Measure		Criteria Measure					
Allowed NO		Allowed NO			Allowed	N	0			
NOTES										