

ELECTRIC TRACTION ELEVATOR MODERNIZATION CHECKLIST

[Note to Contractor: This checklist is a design tool to help determine the scope of elevator replacement or upgrade.]

Elevator-Related Component to Evaluate Prior to Developing Project Specifications	Re-Use	Replace	Comments
Items Inside Car			
Car Fixtures - Car Station - Pos Indicator - Direction Indicators & Tones		✓	
Keying (Fire Service & Other)		✓	
Entire Cab - Evaluate Options			TBD (ALLOWANCE)
Car Sill - (Appropriate For Loading)	✓		
Car Doors	✓		
Finished Flooring	✓		
Sub-Flooring - Existing?	✓		
Flooring For C3			N/A
Handrails	✓		
Drop Ceiling	✓		
Cab Height	✓		
Lighting (Code)	✓		
Emergency Battery Lighting		✓	
Cab Dimensions vs. Capacity	✓		
Emergency Phone		✓	
Door Operator		✓	
Fan		✓	
Door Re-Opening Device		✓	
Door Restrictors		✓	
Overload Jewel & Buzzer			N/A
Car Components			
Sling / Safety Plank & Determine Proper Sizing	✓		
Roller Guides	✓		REFURBISH
Platform	✓		
Safeties	✓		
Inspection Station		✓	
Car Top Lighting		✓	
Car Top Railing (As Required)		✓	
Up-Dated Cross Head Data Tag		✓	
Escape Hatch & Contact		✓	
Hoist Ropes		✓	
Shackles		✓	
Car Balance & Weight Frame	✓		
Traveling Cable		✓	
Door Clutch And Related Equipment		✓	
Machine Room			
Engineering: Machine Beams, Floors, Etc.	✓		

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Drive Machine: Evaluation, Grooves, Bearings, Age, Sound Isolation, Etc.		✓	RELACE w/ GEARLESS
Controller		✓	
Selector		✓	
Machine Motor		✓	
Rope Gripper & Engineering for Installation		✓	
Clearances and Dimensions	✓		
Governor		✓	
Governor Rope		✓	
Voltage	✓		
Emergency Power?	✓		
Overhead Machinery Space Requirements	✓		
Basement Machine Issues			N/A
Access Doors (As Needed)	✓		
Pit			
Buffers	✓		
Pit Channels - Cntwt & Car	✓		
Bottom Rail Attachments	✓		
Governor Rope Tension Frame	•	✓	
Pit Ladder		✓	
Depth & Run-By		✓	
Hoistway			
Rails-Joints-Bracket Spacing-Alignment – Etc.	✓		
Hoisting / Machine Beams	✓		
Counterweight Rails - Bracket Spacing - Alignment - Attachments	✓		
Counterweight Frame & Weights	✓		ADD AS REQ'D.
Counterweight Roller Guides	✓		REFURBISH
Hoistway Switches		✓	
Existing Electrical Raceways	✓		
Overhead Height	✓		
Interlocks And Wiring		✓	
Door Frames & Slushed?	✓		
Door Tracks		✓	
Doors	✓		
Hall Sills & Support	✓		
Fascia	✓		
Hall Fixtures - PI - Direction Arrows		✓	
Deflector Sheaves	✓		
Hoistway Access Feature		✓	