1. APPROVALS
2. UL508A
3. MANUFACTURER AND MODEL
4. Tornatech model JP
5. SEISMIC CERTIFICATION
6. Test Criteria
	1. ICC-ES AC156
7. Building Code
	1. IBC 2015
		1. CBC 2016 OSHPD Special Seismic Certification Preapproval – OSP
	2. Seismic Parameters
		1. ASCE 7-10 Chapter 13
8. OPERATIONAL COMPONENTS AND STARTING METHOD
9. Combined manual and automatic
10. Horsepower rated disconnect switch
11. Full voltage across the line starting
12. Thermo-magnetic motor protector and a motor contactor
13. Transformer with 24V.AC secondary
14. ENCLOSURE
15. NEMA Type 2
16. OPERATOR INTERFACE
17. Touch-pad type pushbuttons and a high luminosity LED digital display.
18. Shall monitor and display motor operating conditions and pressure conditions
19. Operational without opening the controller door.
20. VISUAL INDICATIONS
21. The operator interface shall indicate:
22. Manual motor run LED
23. Automatic motor run LED
24. Motor overload
25. System pressure
26. Start pressure
27. Stop pressure
28. System pressure above stop pressure LED
29. System pressure in between start and stop pressure LED
30. System pressure below start pressure LED
31. Controller in AUTO mode
32. Controller in OFF mode
33. Pump start counter
34. Elapsed time meter (hours / non-resettable)
35. TIMERS
36. Minimum run period timer
37. Sequential start timer.
38. SOLID STATE PRESSURE TRANSDUCER
39. Stainless steel
40. Operational between 0 and 600psi
41. External connection