

METTLER TOLEDO WEIGH MODULE DESIGN QUALIFICATION FORM

1. Type: Tank _____ Hopper _____ Vessel _____ Other _____	
2. Dimensions: Length _____ Width (dia.) _____ Height _____	
3. Number of supports (Legs / Lugs / Suspension Rods):	
4. Distance between supports:	
5. Dimension of Legs / Rods: Length _____ Width (dia.) _____ Height _____	
6. Gross capacity:	7. Empty Weight:
8. Nominal load cell capacity (#6 ÷ #3 1.25 Safety Factor):	
9. Required system resolution (increment size):	
10. Seismic conditions? Yes _____ No _____	11. If yes, UBC seismic zone:
12. Is system located outdoors? Yes _____ No _____	13. If yes, design wind speed in MPH:
14. Is the tank or vessel jacketed? Yes _____ No _____	
15. Jacket will contain: Coolant _____ Type _____ Heat source _____ Type _____	
16. Does jacket continuously circulate? Yes _____ No _____	
17. Is there an agitator? Yes _____ No _____	
18. Will agitator be required to cycle when taking weight readings? Yes _____ No _____	
19. What is the ambient temperature for the area of operation? Min. _____ Max. _____	
20. If a reactor vessel, what are the internal temperatures? Min. _____ Max. _____	
21. Number of piping terminations (inlets/outlets) to the vessel:	
22. How many are: Horizontal to vessel _____ Vertical to vessel _____	
23. Is the vessel vented? Yes _____ No _____	
24. Is the area of operation Hazardous/Classified? Yes _____ No _____	
25. If yes, state: Class _____ Division _____ Group _____	
26. Autoignition temperature of the product to be weighed:	
27. Load cells to be mounted on: Concrete floor _____ I-Beam _____ Mezzanine _____	
28. Length of cable required from vessel to indicator (Home Run Cable): _____	
29. Provisions on the tank, vessel, or hopper to hang calibration weights? Yes _____ No _____	
Prepared By _____	Date _____
Approved By _____	Date _____