NBI Item 63 and 65 Method to be Used to Determine Operating and Inventory Ratings

Code	Rating Method	Rating Live Loads	RT/RF	Condition Description
1	Load Factor (LF) Ratings	MS (HS)	MT	MS18=32.4 MT (HS20=36 Tons). Reported as MS live load in MT, (3 digits with most right in tenths). Applicable for all but Timber and Masonry spans (All Load Ratings after 1993 and all NHS must be rated by LF or LRF).
2	Allowable Stress (AS) Rating	MS (HS)	MT	MS18=32.4 MT (HS20=36 Tons). Reported as MS live load in 18 MT, (3 digits with most right in tenths) for Timber and Masonry spans. LRF for Timber may also be used.
3	Load & Resistance Factor (LRF) Rating	HL-93	MT	HL-93. Latest rating method and can be used for all bridge types instead of LF. LRF for Timber may also be used instead of AS.
4	Load Testing	MS (HS)	MT	MS18=32.4 MT (HS20=36 Tons). Method to use when load rating evaluation does not appear to be reasonable or cannot be performed due to unknowns.
5	No Rating Analysis Performed	MS (HS)	MT	No load rating analysis or evaluation performed.
6	Load Factor (LF) Rating	MS18 (HS20)	RF	LF Load Rating Reporting MS18 by rating factor.
7	Allowable Stress (AS) Rating	MS18 (HS20)	RF	AS Load Rating Reporting MS18 by rating factor.
8	Load & Resistance Factor (LRF) Rating	HL-93	RF	LRF Load Rating Reporting HL-93 by rating factor. RF = 1.0 is equivalent to RT = 32.4MT
A	Assigned Load Factor (LF) Rating	MS18 (HS20)	MT	Assigned based on Load Factor Design (California use on ~1979 & newer bridges) using the Five Criteria based on a FHWA Sep 29, 2011 letter.
B	Assigned Allowable Stress (AS) Rating	MS18 (HS20)	MT	Assigned based on Allowable Stress Design (California use on ~1978 & older bridges) using the Five Criteria based on a FHWA Sep 29, 2011 letter; provides code however this method is ***NOT ALLOWED.***
C	Assigned Load and Resistance Factor (LRF) Rating	HL-93	MT	Assigned based on Load & Resistance Factor Design (California use on ~2007 & newer bridges) using the Five Criteria based on a FHWA Sep 29, 2011 letter.
D	Assigned Load Factor (LF) Rating	MS18 (HS20)	RF	Assigned based on Load Factor Design (California use on ~1979 & newer bridges) using the Five Criteria based on a FHWA Sep 29, 2011 letter.
E	Assigned Allowable Stress (AS) Rating	MS18 (HS20)	RF	Assigned based on Allowable Stress Design (California use on ~1978 & older bridges) using the Five Criteria based on a FHWA Sep 29, 2011 letter; provides code however this method is ***NOT ALLOWED.***
F	Assigned Load and Resistance Factor (LRF) Rating	HL-93	RF	Assigned based on Load & Resistance Factor Design (California use on ~2007 & newer bridges) using the Five Criteria based on a FHWA Sep 29, 2011 letter.
0 (zero)	Field Evaluation and Documented Engineering Judgement	MS (HS)	MT	This primarily applies to concrete with unknown reinforcing type bridge spans. -Or- If a bridge is to be or is closed to traffic.
Additional Notes				
1	Minimum Operating Load	MS (HS)	2.7 MT	Per 1995 Coding Guide; the minimum allowable load is 2.7 MT or (3 Tons). Below the minimum the span shall be closed and coded 000.
2	Shored Bridges	MS (HS)	MT	Rate and report the minumum values as though shoring is not used.
3	Stuctures Under Fill	MS (HS)	MT	When there is sufficient fill where live load is insignificant code 999.
4	Temporary Bridge	MS (HS)	MT	Code 000 as there is no permanent bridge.