

CITY OF NEW YORK
DEPARTMENT OF BUILDINGS

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

Satish K. Babbar, R.A., Acting Commissioner
MEA 239-00-M

Report of Material and Equipment Acceptance Division

Manufacturer - Hollister-Whitney Elevator Corporation, 2603 North 24th Street, Quincy, Illinois 62305.

Trade Name - Hollister-Whitney.

Product - Elevator oil buffers.

Pertinent Code Section(s) -27-987, RS 18-1.

Prescribed Test(s) - RS 18-1 (ANSI A17.1).

Laboratories - Canadian Standard Association, Underwriters Laboratories Inc.

Test Report(s) - CSA Certificate #LR88181- (1,5) dated December 4, 1994 and UL SA5781 dated January 4, 1977.

Description - Elevator oil buffer intended for installation in elevator pit under elevator and can be used for car and/or counterweight buffer action. The buffers are designed to stop a descending car beyond its normal limit of travel. These oil buffers of the spring return type have been investigated according to ANSI A71-1 with the following parameters.

Model	Max Striking Speed m/s (ft/min)	Min Load kg (lbs.)	Max Load kg (lbs.)	Stroke "S" mm (in)
500	2.04 (402)	1134 (2500)	6804 (15000)	230 (9)
510	2.34 (460)	1134 (2500)	6804 (15000)	305 (12)
520	2.92 (575)	1361 (3000)	5443 (12000)	457 (18)
530	3.51 (690)	1361 (3000)	5443 (12000)	660 (26)
535	4.67 (920)	1361 (3000)	5443 (12000)	1143 (45)

Recommendation - That the above buffers, when used with a buffer oil with properties as approved by the manufacturer and the testing laboratories, be accepted for the following service:

1. Minimum weight of car or counterweight per buffer - see above listings.
2. Maximum weight of car or counterweight per buffer - see above listings.
3. Maximum striking speed (115% of rated speed) as tabulated above.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to those tested and accepted for use, as provided for in Section 27-131 of the Building Code.

Final Acceptance NOV. 22, 2000

Examined By S. Derkhdan