

Factory Mutual Compliance Approval

Compliance Certificate and Approval Report



Certificate of Compliance

This certificate is issued for the following:

FM APPROVAL EXAM OF AGWAY METALS RD36, RD75-150 AND RD75-200 STEEL DECKS FOR MAXIMUM CLASS 1-90 WIND RATING PER FM APPROVALS STANDARD 4451

Prepared for:

**Agway Metals Inc.
170 Delta Park Blvd.
Brampton, ON
Canada L6T 5T6**

FM Approvals Class: 4451

Approval Identification: 3043709 Approval Granted: October 16, 2012

Said Approval is subject to satisfactory field performance, continuing follow-up Facilities and Procedures Audits, and strict conformity to the constructions as shown in the Approval Guide, an online resource of FM Approvals.

For more than 160 years FM Approvals has partnered with business and industry to reduce property losses.

A handwritten signature in cursive script, reading 'Cynthia E. Frank'.

Cynthia E. Frank
Group Manager
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062



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APPROVAL REPORT

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Prepared for:

**Agway Metals Inc.
170 Delta Park Blvd
Brampton, ON
Canada
L6T 5T6**

Project ID: 3043709

Class: 4451

Date of Approval: 10/16/2012

Authorized by: A handwritten signature in cursive script, reading 'Cynthia E. Frank'.

Cynthia E. Frank, Group Manager, Assistant Vice President



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Tables of Allowable Spans

Evaluations indicate that Agway Metals RD36, RD75-150 and RD75-200 steel roof decks meet the Approval requirements of FM Approvals for use as a component in Class 1-60, Class 1-75 and Class 1-90 wind uplift rated insulated steel deck roof constructions when used as follows:

RD36 Deck

Thickness in. (ga., mm)	Allowable Span, in. (mm)		
	Class 1-90	-	-
0.030 (22, 0.76)	82 (2000)	-	-
0.036 (20, 0.091)	91 (2311)	-	-
0.048 (18, 1.21)	107 (2718)	-	-
0.060 (16, 1.51)	120 (3408)	-	-

RD75-150 Deck

Thickness in. (ga., mm)	Allowable Span, in. (mm)		
	Class 1-90	Class 1-75	Class 1-60
0.030 (22, 0.76)	165 (4191)	182 (4623)	188 (4775)
0.036 (20, 0.091)	187 (4750)	206 (5232)	209 (5309)
0.048 (18, 1.21)	227 (5766)	245 (6223)	245 (6223)
0.060 (16, 1.51)	256 (6502)	273 (6934)	273 (6934)

RD75-200 Deck

Thickness in. (ga., mm)	Allowable Span, in. (mm)		
	Class 1-90	Class 1-75	Class 1-60
0.030 (22, 0.76)	128 (3251)	154 (3912)	167 (4242)
0.036 (20, 0.091)	154 (3912)	185 (4699)	190 (4826)
0.048 (18, 1.21)	203 (5156)	224 (5690)	228 (5791)
0.060 (16, 1.51)	229 (5817)	253 (6426)	259 (6578)

Please contact Agway Metals Inc.
for full details of the Approval Report.

