

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.

Patricia J. Lancaster, F.A.I.A., Commissioner
MEA 410-03-M

Report of Material and Equipment Acceptance Division

Manufacturer – Draka Elevator Products, Inc., 2151 North Church Street, Rocky Mount, NC,
P.O. Box 400, 27802-0400 for Liyang Feiyue.

Trade Name(s) – Draka Elevator Products Inc.

Product - Rope wedge socket/shackle assemblies.

Pertinent Code Section(s) - 27-990 Reference Standard RS 18-1.

Prescribed Test(s) – ASME A17.1-2000 Section 2.20.9, A17; 212.9b; A17.12; 212.9C and
A17.1; 292.9e.

Laboratory – New York Product Testing and Services, Inc.

Test Report(s) – Lab number 03-107865, Client Order Number 1728740 dated October 23,
2003.

Description - Draka Elevator Products Inc. 3/8" 8-10mm sizes WSY-38-12, WSY-38-18, WSY-
38-24, 1/2" 12-13mm sizes WSY-12-12, WSY-12-18, WSY-12-24, and 5/8" 16mm sizes
WSY-58-12, WSY-58-18, and WSY-58-24.

Elevator wire rope wedge socket/shackle assemblies for connecting elevator wire
rope to elevator car frames, compensation ropes, counter weights, and dead ends
in elevator pits.

Tensile Results:

| Sample ID | Rope Breaking Strength (lbs.) | Assembly Breaking Strength (lbs.) | Required Load at 80% (lbs.) | Failure Location Occurred At |
|-----------------|-------------------------------|-----------------------------------|-----------------------------|------------------------------|
| WSY-38-24(3/8") | 10,790 | 10,580 | 8,632 | Rope |
| WSY-12-24(1/2") | 17,510 | 17,220 | 14,008 | Rope |
| WSY-58-24(5/8") | 23,710 | 23,790 | 18,968 | Rope |

Recommendation - That the above described elevator wedge rope sockets be accepted on condition that all uses, locations, and installations comply with the New York City Building Code specifically Section 27-990, Reference Standard RS 18 and the manufacturer's installation instructions. All shipments and deliveries of the materials comprising this assembly shall be accompanied by a certificate or label certifying that the materials shipped or delivered are equivalent to those tested and acceptable for use, as provided for in Section 27-131 of the Building Code

Final Acceptance 4115104

Examined By S Deepkuda