

**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 the Materials and Equipment Acceptance (MEA) Division.

Patricia J. Lancaster, A.I.A., Commissioner
MEA 357-92-E Vol. III

Report of Material and Equipment Acceptance Division

Manufacturer – ITT A-C fire Pump Systems, 8200 N. Austin Avenue, Morton Grove, IL 60053.

Trade Name - Series 1580 In-Line Fire Pump.

Product – In-Line Centrifugal Fire Pump.

Pertinent Code Sections – RS 17, Section 27-946, RS 17 27-951 (h).

Test – UL 448.

Test Reports – UL File Ex 4374, project 00NK2531, project 02NK13146, and project 02NK35503 issued May 15, 2000 and revised August 21, 2002. UL File Ex 4374, project 00NK2531, project 02NK13146, and project 02NK35503 issued May 16, 2000 and revised August 21, 2002. UL File Ex 4374, project 02NK48535, issued November 6, 1991 and revised June 18, 2002. UL letters dated November 15, 2002 and November 18, 2002.

Description –

Centrifugal Fire Pumps - In-Line, consisting of the following models, capacities, rated pressures and speeds:

Rated Capacity, GPM	Size, in	Model Designation	Rated Net Pressure Range, psi	Approximate Speed, RPM	Maximum Working Pressure psi
400	6 by 6 by 11F-L	1580	78-184	3550	215
400	6 by 6 by 11F-L	1580	54-125	2960	215
400	H6 by 6 by 11F-L	1580	78-184	3550	282
400	H6 by 6 by 11F-L	1580	54-125	2960	282
400	6 by 6 by 9.5F-L	1580	67-139	3550	235
400	6 by 6 by 9.5F-L	1580	45-96	2960	235
400	6 by 6 by 11F-S	1580	40-54	1780	215
400	H6 by 6 by 11F-S	1580	40-54	1780	282
500	6 by 6 by 11F-L	1580	76-180	3550	215
500	6 by 6 by 11F-L	1580	51-122	2960	215
500	H6 by 6 by 11F-L	1580	76-180	3550	282
500	H6 by 6 by 11F-L	1580	51-122	2960	282
500	6 by 6 by 9.5F-L	1580	64-137	3550	235
500	6 by 6 by 9.5F-L	1580	42-94	2960	235
500	6 by 6 by 11F-S	1580	40-54	1780	215
500	H6 by 6 by 11F-S	1580	40-54	1780	282
750	6 by 6 by 11F-L	1580	66-167	3550	215
750	H6 by 6 by 11F-L	1580	66-167	3550	282
750	6 by 6 by 9.5F-L	1580	54-131	3550	235
750	6 by 6 by 9.5F-L	1580	59-90	2960	235
750	6 by 6 by 11F-S	1580	40-54	1780	215

750	H6 by 6 by 11F-S	1580	40-54	1780	282
750	8 by 8 by 9.5F-L	1580	40-86	2960	300
*750	H8 by 8 by 9.5F-L	1580	40-86	2960	300
*750	8 by 8 by 9.5F-L	1580	50-128	3550	175
*750	H8 by 8 by 9.5F-L	1580	50-128	3550	300
*1000	8 by 8 by 9.5F-L	1580	40-79	2960	175
*1000	H8 by 8 by 9.5F-L	1580	40-79	2960	300
*1000	8 by 8 by 9.5F-L	1580	50-121	3550	175
*1000	H8 by 8 by 9.5F-L	1580	50-121	3550	300

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections letter dated November 26, 2002, F.P. Index 0211040.

Recommendation – That the above fire pumps be accepted on condition that:

1. Installation shall comply with all applicable New York City codes, rules, regulations and testing requirements in particular with the requirements of Subchapter 17 and RS 17-2 of the Administrative Code.
2. Underwriters Laboratories Inc.'s listing requirements and limitations shall be adhered to.
3. Manufacturer's installation, maintenance procedures and limitations shall be complied with.

All shipments and deliveries of such equipment shall be provided with a metal tag, suitable 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 May 30, 2003
 Examined by David [Signature]