

# HANDHOLDS, HANDGRIPS, AND LADDER HOOKS (SECTION 2-8)

**TEST J**

TEST ORDER	SECTION NO.	TESTING DESCRIPTION	WHO	DATE	RESULTS	SIGN OFF
	<b>2-8</b>	<b>Handholds, Handgrips, and Ladder Hooks</b>				
		Dual handholds, single handgrips, or ladder hooks provided on nozzles shall support a 300-lb (136-kg) nozzle reaction force when tested in accordance with Section 4-11. If more than one feature is provided on the same nozzle, each feature shall be tested separately. Test samples that distort or develop cracks or broken sections shall be considered as having failed to meet the test criteria.	TIM	8/12/99	Completed. Pass.	TIM
	<b>4-11</b>	<b>Handholds, Handgrips, and Ladder Hooks.</b>				
	4-11.1	The sample nozzle shall be mounted in a fixture to simulate intended use. A force of 300 lbf (1334 N) shall be applied to the nozzle for 5 minutes to simulate the nozzle reaction force.	TIM	8/12/99	See test layout. Pass.	TIM
	4-11.2	Sample nozzles equipped with a handhold, handgrip, or ladder hook shall have one of the drops required in 4-7.2 and 4-7.3 includes a point of impact on the handhold, handgrip, or ladder hook.	TIM	8/12/99	Complete.	TIM
	<b>4-7.2</b>	The nozzle shall be attached to a length of hose at least 10 ft (3 m) long. The hose shall not be charged. The nozzle shall then be dropped twice from a height of 6 ft (2 m) onto concrete surface such that the points of impact are on two different sides of the nozzle. For nozzles equipped with a shutoff handle or lever, one of the points of impact shall be directly on that handle or lever while in the closed position.	TIM	8/12/99	No cracks or distortion.	TIM
	4-7.3	The nozzle shall be attached to a length of hose at least 10 ft (3 m) long. With the nozzle shut off, the hose line shall be charged with water to a pressure of 100 psi (690 kPa), The nozzle shall be dropped twice from a height of 6 ft (2 m) onto a concrete surface such that the points of impact are on two different sides of the nozzle. For nozzles equipped with a shutoff handle or lever, one of the points of impact shall be directly on that handle or lever while in the closed position.	TIM	8/12/99	No cracks or distortion.	TIM

NOZZLE SAMPLE INFORMATION:  
MODEL :HM-VPGI  
SERIAL NUMBER:TFTH-303281

TIM