[INCH-POUND] A-A-50563 October 13, 1995 SUPERSEDING W-C-586D 5 February 1980

## COMMERCIAL ITEM DESCRIPTION

## CONDUIT OUTLET BOXES, BODIES, AND ENTRANCE CAPS, ELECTRICAL: CAST METAL

The General Services Administration has authorized the use of this Commercial Item Description as a replacement for W-C-586D which is cancelled.

1. SCOPE. This description covers cast metal conduit outlet boxes, bodies, and entrance caps for use with threaded and threadless rigid conduit, intermediate metallic conduit, and electrical metallic conduit. Outlet boxes may be used as wire outlets or as mountings for lampholders, rosettes, switches, convenience outlets, to enclose wire splices, for mounting or enclosing surface wiring offsets, pull boxes, and other functions in conduit runs. Entrance caps provide a weather-resistant service entrance for wires.

2. CLASSIFICATION.

2.1 Types, designs, and forms. The conduit boxes, bodies, and entrance caps shall be of the following types, designs, and forms as specified:

- Type I Conduit bodies which are essentially an enlarged section of conduit with hubs and access openings.
  - Standard size wiring chamber with threaded hub Design 1 connection for rigid conduit Design 2 Standard size wiring chamber with threadless hub connection for rigid conduit Design 3 Standard size wiring chamber with threadless hubs for electrical metallic tubing Design 4 Wiring chambers enlarged in both length and width and with threaded hub connection for rigid conduit Wiring chamber with increased length and with threaded Design 5 hub connection for rigid conduit Wiring chamber with increased length and with Design 6 threadless hub connection for electrical metallic tubing
- Type II Rectangular base general purpose conduit outlet boxes for wiring devices

Design 7	Threaded hub connection for rigid conduit, shallow depth
Design 8	Threaded hub connection for rigid conduit, deep depth
Design 9	Threadless hub connection for rigid conduit, shallow depth
Design 10	Threadless hub connection for rigid conduit, deep depth
Design 11	Threadless hub connection for electrical metallic tubing, shallow depth

Beneficial comments, recommendations, additions, deletions, clarifications, etc. and any other data which may improve this document should be sent by letter to: Commanding Officer (Code 156), Naval Construction Battalion Center, 1000 23rd Avenue, Port Hueneme, CA 93043-4301, by using the Standardization Document Improvement Proposal (DD Form 1426) appearing at the end of this document or by letter.

Distribution Statement A. Approved for public release; distribution is unlimited.

Design 12 Threadless hub connection for electrical metallic tubing, deep depth

Form 1 - Single gang Form 2 - Two gang parallel Form 3 - Three gang parallel Form 4 - Four gang parallel Form 5 - Two gang tandem

Type III Round base general purpose conduit outlet boxes with threaded conduit hubs

Design 16 Nominal 4-inch (10.2 cm) diameter for exposed installation

Type IV Round base weather-resistant conduit outlet boxes, with threaded conduit hubs, for exposed installation

Design 18 Nominal 3-1/2 inch (8.9 cm) diameter Design 19 Nominal 4-5/8 inch (11.7 cm) diameter

Type V Round base explosion proof, dust-ignition-proof, and weather-resistant conduit outlet boxes with threaded conduit hubs

Design	20	3-1/2 inch (8.9 cm) diameter, threaded cover, plain
		base
Design	21	4-1/4 inch (10.8 cm) diameter, threaded cover, plain
		base
Design	22	5-3/4 inch (14.6 cm) diameter, threaded cover,
		flanged, mounting base
Design	23	3-1/2 inch (8.9 cm) diameter, threaded cover, flanged,
		mounting base
Design	25	3-1/2 inch (8.9 cm) diameter, cover attached by
		screws, plain base
Design	26	4-5/8 inch (11.7 cm) diameter, cover attached by
		screws, plain base

Type VI Entrance caps, electrical

Design	27	Th	Threaded hub connection for rigid conduit						
Design	28	Th tu	Threadless hub connection for electrical metallic tubing						
Design	29	Th	ire	eadles	SS	hub d	connection for	r rigid cond	luit
	Form	б	-	With	3	wire	(3-knockout)	insulating	cover
	Form	7	-	With	5	wire	(5-knockout)	insulating	cover
	Form	8	-	With	7	wire	(7-knockout)	insulating	cover
	Form	9	-	With	4	wire	(4-knockout)	insulating	cover
	Form	10	-	With	б	wire	(6-knockout)	insulating	cover

2.2 <u>Styles</u>. The outlets and devices shall be one of the styles listed below. For definition, the front shall be the surface where the access to the wiring chamber is located. The right and left side shall be determined by placing the hub end up and viewing toward the cover opening. Tables I through V indicate normal availability of the various styles with respect to type, design, form and size.

<ul> <li>Style A Two hubs in the back</li> <li>Style A Two hubs in the back</li> <li>Style B One hub in one side</li> <li>One hub in one end and one hub at a 90 degree (°) angle at the opposite end in the back, mogul style</li> <li>Style BUB One hub at each end at a 45° angle, mogul style</li> <li>Style C One hub in each end and one hub on one side, mogul style</li> <li>Style C One hub in each end and one hub in the back</li> <li>Style C One hub in each end and one hub in the back</li> <li>Style C One hub in each end and one hub in the back</li> <li>Style C One hub in each end and two hubs in the other</li> <li>Style C Two hubs in each end directly opposite</li> <li>Style E One hub in one end and one hub in the side, with cover on back</li> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LB One hub in one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LB One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LB One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LB One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LB One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub 90° out in front at the opposite end in the front</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end</li></ul>			
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<ul> <li>Style CA One hub in each end and one hub in the back</li> <li>Style CC One hub in one end and two hubs in the other</li> <li>Style CT (Type II) One hub in each end, and one hub in a side</li> <li>Style E One hub in one end</li> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LB One hub in one end and one hub in the back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back with cover</li> <li>Style LB One hub in one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LB One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LBR One hub in one end and one hub placed at a 90° angle at the opposite end</li> <li>Style LF One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end with a mounting platform</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style S Two hubs in one end</li> <li>Style TA One hub in each end, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	С	One hub in each end
<ul> <li>Style CC One hub in one end and two hubs in the other</li> <li>Style CD Two hubs in each end directly opposite</li> <li>Style CT (Type II) One hub in each end, and one hub in a side</li> <li>Style E One hub in one end</li> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back with cover</li> <li>Style LB One hub in one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LB One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LB One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LB One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end with a mounting platform</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end on the right side</li> <li>Style R One hub in a end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in a end and one hub on the right side</li> <li>Style T (Type I) One hub in each end, and one hub in one end</li> <li>Style T (Type II) One hub in each end, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	CA	One hub in each end and one hub in the back
<ul> <li>Style CD Two hubs in each end directly opposite</li> <li>Style CT (Type II) One hub in each end, and one hub in a side</li> <li>Style E One hub in one end</li> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LA One hub in one end and one hub in the back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back</li> <li>Style LBO One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end</li> <li>Style LBC One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LFN One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in an end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style T (Type II) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	CC	One hub in one end and two hubs in the other
<ul> <li>Style CT (Type II) One hub in each end, and one hub in a side</li> <li>Style E One hub in one end</li> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LA One hub in one end and one hub in the back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back with cover</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBC One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style R One hub in a end end, and one hub in a side</li> <li>Style T (Type II) One hub in each end, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	CD	Two hubs in each end directly opposite
<ul> <li>Style E One hub in one end</li> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LA One hub in one end and one hub in the back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LFP One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	СТ	(Type II) One hub in each end, and one hub in a side
<ul> <li>Style L One hub in one end and one hub in the right side, with cover on back</li> <li>Style LA One hub in one end and one hub in the back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub placed at a 90° angle at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	Е	One hub in one end
<ul> <li>on back</li> <li>Style LA One hub in one end and one hub in the back</li> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub placed at a 90° angle at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	L	One hub in one end and one hub in the right side, with cover
<pre>Style LA One hub in one end and one hub in the back Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover Style LBL One hub in one end and one hub in the back and left side at the opposite end Style LBR One hub in one end and one hub in the back and right side at the opposite end Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform Style LF One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side Style LR One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back Style R One hub in an end and one hub on the right side Style S Two hubs in one end Style T (Type I) One hub in each end, and one hub in a side Style T (Type II) One hub in each side, and one hub in one end Style T (Type II) One hub in each side, and one hub in one end Style TA One hub in each end, one hub in a side, and a hub in the back</pre>			on back
<ul> <li>Style LB One hub in one end and one hub placed at a 90° angle at the opposite end in the back</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LA	One hub in one end and one hub in the back
<ul> <li>opposite end in the back</li> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and one hub placed at a 90° angle at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end with a mounting platform</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style R One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LB	One hub in one end and one hub placed at a 90 $^{\circ}$ angle at the
<ul> <li>Style LBD One hub at one end and one hub at a 90° angle at the opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style T (Type II) One hub in each side, and one hub in the back</li> </ul>	-		opposite end in the back
<ul> <li>opposite end in the back with cover</li> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style T (Type I) One hub in each end, and one hub in one end</li> <li>Style T (Type II) One hub in each side, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LBD	One hub at one end and one hub at a 90 $^{\circ}$ angle at the
<ul> <li>Style LBL One hub in one end and one hub in the back and left side at the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style T (Type I) One hub in each end, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	-		opposite end in the back with cover
<ul> <li>the opposite end</li> <li>Style LBR One hub in one end and one hub in the back and right side at the opposite end</li> <li>Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in an end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style T (Type II) One hub in each side, and one hub in the back</li> </ul>	Style	LBL	One hub in one end and one hub in the back and left side at
<pre>Style LBR One hub in one end and one hub in the back and right side at the opposite end Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back Style R One hub in an end and one hub on the right side Style S Two hubs in one end Style T (Type I) One hub in each end, and one hub in a side Style T (Type II) One hub in each side, and one hub in one end Style T A One hub in each end, one hub in a side, and a hub in the back</pre>	1		the opposite end
<pre>the opposite end Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back Style R One hub in an end and one hub on the right side Style S Two hubs in one end Style T (Type I) One hub in each end, and one hub in a side Style T (Type II) One hub in each side, and one hub in one end Style TA One hub in each end, one hub in a side, and a hub in the back</pre>	Style	LBR	One hub in one end and one hub in the back and right side at
<ul> <li>Style LF One hub in one end and on hub placed at a 90° angle at the opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	1		the opposite end
<ul> <li>opposite end in the front</li> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LF	One hub in one end and on hub placed at a 90 $^{\circ}$ angle at the
<ul> <li>Style LFN One hub in one end and one hub 90° out in front at the opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style R One hub in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	1		opposite end in the front
<ul> <li>opposite end with a mounting platform</li> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LFN	One hub in one end and one hub $90^{\circ}$ out in front at the
<ul> <li>Style LL One hub in one end and one hub placed at a 90° angle at the opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	1		opposite end with a mounting platform
<ul> <li>opposite end, on the left side</li> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style T (Type II) One hub in each side, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LL	One hub in one end and one hub placed at a $90^{\circ}$ angle at the
<ul> <li>Style LR One hub in one end and one hub placed at a 90° angle at the opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style T (Type II) One hub in each side, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	1		opposite end, on the left side
<ul> <li>opposite end, on the right side</li> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style T (Type II) One hub in each side, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	Style	LR	One hub in one end and one hub placed at a $90^{\circ}$ angle at the
<ul> <li>Style LRL One hub in one end and one hub placed at a 90° angle at the opposite end on a side with access openings in both front and back</li> <li>Style R One hub in an end and one hub on the right side</li> <li>Style S Two hubs in one end</li> <li>Style T (Type I) One hub in each end, and one hub in a side</li> <li>Style T (Type II) One hub in each side, and one hub in one end</li> <li>Style TA One hub in each end, one hub in a side, and a hub in the back</li> </ul>	1		opposite end, on the right side
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and back Style R One hub in an end and one hub on the right side Style S Two hubs in one end Style T (Type I) One hub in each end, and one hub in a side Style T (Type II) One hub in each side, and one hub in one end Style TA One hub in each end, one hub in a side, and a hub in the back	1		opposite end on a side with access openings in both front
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StyleSTwo hubs in one endStyleT(Type I) One hub in each end, and one hub in a sideStyleT(Type II) One hub in each side, and one hub in one endStyleTAOne hub in each end, one hub in a side, and a hub in theback	Style	R	One hub in an end and one hub on the right side
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Style T (Type II) One hub in each side, and one hub in one end Style TA One hub in each end, one hub in a side, and a hub in the back	Style	Т	(Type I) One hub in each end, and one hub in a side
Style TA One hub in each end, one hub in a side, and a hub in the back	Style	Т	(Type II) One hub in each side, and one hub in one end
hack	Style	TA	One hub in each end, one hub in a side, and a hub in the
DUCK			back
Style TB One hub in each end and one hub in the back	Style	TB	One hub in each end and one hub in the back
Style TM One hub in each end and one hub on one side with a mounting	Style	TM	One hub in each end and one hub on one side with a mounting
platform			platform
Style UB One hub in each end, both hubs offset in the back at a $45^{\circ}$	Style	UB	One hub in each end, both hubs offset in the back at a $45^{\circ}$
angle from the outlet centerline, with a projected included	-		angle from the outlet centerline, with a projected included

angle of  $90^{\circ}$ Style X One hub in each side and in each end

2.3 <u>Hub size</u>. Conduit hub sizes shall be 1/2- (1.3 cm), 3/4- (1.9 cm), 1- (2.5 cm), 1-1/4- (3.2 cm),1-1/2- (3.8 cm), 2- (5.1 cm), 2-1/2- (6.4 cm), 3- (7.6 cm), 3-1/2- (8.9 cm), 4- (10.2 cm), 5- (12.7 cm), or 6-inch (15.2 cm) trade size, as specified. Hub sizes are related to type, design, form, and style and shall be as shown in tables I through V.

## 3. SALIENT CHARACTERISTICS.

3.1 <u>Description</u>. Conduit outlet boxes, bodies, and entrance caps shall consist of a cast metal body, a wiring chamber, and an access opening to the wiring chamber. All types shall have integral conduit hubs. Each hub shall have an integral end stop for the conduit or tubing, and shall provide a smooth, well rounded opening into the wiring chamber. Boxes without integral conduit hubs or end stops shall provide adequate room for the installation of a bushing.

3.2 <u>Identical items</u>. Conduit outlet boxes, bodies, or entrance caps of the same classification furnished under any specific contract shall be physically and mechanically identical. This requirements includes parts, assemblies, components and accessories. No deviation will be acceptable without prior written approval of the contracting officer.

3.3 <u>Design</u>. Conduit outlet boxes, bodies, and entrance caps shall conform to UL 514B. In addition to complying with UL 514B, type V outlet boxes shall comply with the applicable requirements of UL 886 covering installation in class I, groups C and D, and class II, groups E, F, and G, division 1 locations as defined in the NFPA 70.

3.4. <u>Materials</u>. Materials used shall be free from defects which would adversely affect the performance or maintainability of individual components or of the overall assembly.

3.5 <u>Construction</u>. The construction of conduit outlet boxes, bodies, and entrance caps shall insure sufficient strength and rigidity in the finished product to enable the product to resist damage during shipment, rough handling, installation, and use.

3.5.1 <u>Type I</u>. Type I conduit bodies shall essentially be an enlarged section of conduit. Covers for conduit bodies of the same size supplied under the same contract shall be interchangeable.

3.5.2 Type II. Type II outlet boxes shall have two tapped No. 6, 32 threads per inch (32 threads per 2.54 cm) device attaching screw holes located on 3-9/32 inch (8.3 cm) centers for each wiring device position. Covers for the same form supplied under the same contract shall be interchangeable.

3.5.3 <u>Type III</u>. Type III outlet boxes shall be cylindrical in shape and shall be designed to permit installation of standard 4-inch (10.2 cm) round outlet box covers with or without wiring devices. The outlet box surface

mating with the cover shall be flat and smooth. Outlet boxes shall be designed for surface mounted installation.

3.5.4 <u>Type IV</u>. Type IV outlet boxes shall be cylindrical in shape and shall have surface mating with cover smooth, flat, and designed for the reception of a gasket. Holes for attaching cover shall not communicate with the interior of the outlet box. Means shall be provided for attaching wiring devices or a fastening strap on which wiring devices can be mounted. When specified, outlet boxes shall be provided with mounting feet.

3.5.5 Type V. Type V outlet boxes shall be cylindrical in shape and designed for wiring in hazardous locations. Outlet boxes of design 20 through 23 shall be threaded for attachment of the cover, and the cover shall be provided with lugs or comparable devices to facilitate installing. When specified, the base of design 20, 21, 22, 25, and 26 outlet boxes shall be furnished with at least two lugs to permit screw or nail mounting. The base of design 23 outlet box shall be extended to provide a mounting flange with four holes at quadrant intervals. Designs 25 and 26 outlet boxes shall have the cover attached by not less than four screws spaced equidistant around the perimeter.

3.5.6 <u>Type VI</u>. Entrance caps shall essentially be a conduit terminating fitting at the point of service entrance connection. The entrance cap shall assure a raintight condition within the conduit when the service entrance wires are installed with the proper drip loop. Entrance caps shall be provided with insulating covers containing knockouts of sufficient size to accommodate the wire sizes applicable to the particular conduit size.

3.6 <u>Threaded conduit hubs</u>. Internal conduit threads shall be in accordance with <u>SAE J476a</u> for tapered pipe thread form, except for hubs on service entrance caps which may be SAE straight thread form. The hubs of the outlet boxes and bodies shall be threaded in such a manner that the centerline of the conduit, when attached, shall be in alignment with the centerline of the hub.

3.7 <u>Covers</u>. Blank covers, threaded hub covers, or special purpose covers, with or without gaskets as required, shall be furnished as specified. Mounting screws shall conform to SAE J475a for screw threads.

## 4. REGULATORY REQUIREMENTS.

4.1 <u>Materials</u>. The offeror/contractor is encouraged to use recovered materials to the maximum extent practicable, in accordance with paragraph 23.403 of the Federal Acquisition Regulation (FAR). Unless otherwise specified herein, all equipment, material, and articles incorporated in the work covered by this description are to be new and fabricated using materials produced from recovered materials to the maximum extent possible without jeopardizing the intended use. The term "recovered materials" means materials which have been collected or recovered from solid waste and reprocessed to become a source of raw materials, as opposed to virgin, raw materials. None of the above shall be interpreted to mean that the use of used or rebuilt products are allowed under this description unless otherwise specified.

4.1 <u>Metric products</u>. Products manufactured to metric dimensions will considered on an equal basis with those manufactured using inch-pound units,

provided they fall within specified tolerances using conversion tables contained in the latest version of Federal Standard No. 376, and all other requirements of this Commercial Item Description including form, fit, and function are met. If a product is manufactured to metric dimensions and those dimensions exceed the tolerances specified in the inch/pound units, a request should be made to the contracting officer to determine if the product is acceptable. The contracting officer has the option of accepting or rejecting the product.

#### 5. QUALITY ASSURANCE PROVISIONS.

5.1 <u>Contractor certification</u>. The contractor shall certify and maintain substantiating evidence that the product offered meets the salient characteristics of the Commercial Item Description, and that the product conforms to the producer's own drawings, specifications, standards, and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The government reserves the right to require proof of such conformance prior to first delivery and thereafter as may be otherwise provided for under the provisions of the contract. Contractor certifications shall include Underwriter Laboratory certification as follows:

5.1.1 <u>Underwriter Laboratories Inc. certification</u>. Acceptable evidence of meeting the requirements of UL 514B and UL 886 shall be the UL label, listing in the UL Electrical Appliance and Utilization Equipment List, or a certified test report from a recognized independent testing laboratory indicating that the fittings have been tested and conforms to UL 514B and UL 886.

6. PRESERVATION, PACKAGING, PACKING, LABELING AND MARKING. Preservation, packaging, packing, labeling and marking shall be in accordance with the requirements of ASTM D 3951, unless otherwise specified in the contract or order.

## 7. NOTES.

7.1 <u>Intended use</u>. This specification covers outlet boxes, bodies, and entrance caps intended for use in rigid metal conduit, intermediate metal conduits, and electrical metallic wiring systems. Outlet boxes may be used as wire outlets or as mountings for lampholders, rosettes, switches, convenience outlets, to enclose wire splices, for mounting or enclosing surface wiring devices, and other similar applications. Outlet bodies provide turns, offsets, pull boxes, and other functions in conduit runs. Entrance caps provide a weather-resistant service entrance for wires.

7.2 Part Identification Number (PIN). The following part identification numbering procedure is for government purposes and does not constitute a requirement for the contractor. The PINs to be used for items acquired to this CID are created as follows:



The following is an example of the PIN for a Type II outlet box, Style LA, Design 7, Form 1, 3/4 inch hub size:

50563 - II - 7 - 1 - LA - 0.75

7.3 Ordering data. Purchasers shall select the preferred options permitted herein (see tables I, II, III and IV) and include the following information in procurement:

- a) Title, number, and date of this description.
- b) Type, design, and form required.
- c) Style required.
- d) Hub size required.
- e) When the outlet boxes shall be furnished with mounting feet.
- f) When the base of type V, designs 20, 21, 22, 25, and 26 are to be furnished with at least two mounting lugs.
- g) Type of cover required.
- h) Level of preservation, packaging, packing, labeling and marking required when not as specified.

*Hub Size Groups								
Style	Design 1	Design 2	Design 3	Design 4	Design 5	Design 6		
A	1,2	-	-	_	_	_		
BLB	-	-	-	-	2	-		
BC	_	_	_	_	2	-		
BUB	_	_	_	_	2	-		
LBD	1,2,3,4	_	_	_	_	-		
В	1,2	-	-	-	-	-		
BT	_	_	_	_	2	_		
C	1,2	3	3	1,2	1,2	1,2		
E	1,2	1	_	1,2	1,2	_		
LB	1	_	_	_	_	-		
LF	3	_	_	_	_	-		
LL	1,2	1	1	1,2	1,2	1,2		
LR	1,2	1	1	1,2	1,2	1,2		
LRL	1,2	3	3	-	-	-		
Т	1,2	3	3	1,2	1,2	1,2		
ТА	3	-	-	_	-	_		
TB	3	_	_	_	_	_		
UB	3	-	-	-	-	1,2		
Х	1	-	1	-	2	2		

TABLE I - Type I Conduit Bodies With Designs and Hub Size Groups Where All Hubs Are The Same Size

\*Group 1 - Includes 1/2- (1.3 cm), 3/4- (1.9 cm), and 1-inch (2.54 cm) size hubs

Group 2 - Includes 1- (2.54 cm), 1-1/4- (3.2 cm), 1-1/2- (3.8 cm), 2- (5.1 cm), 2-1/2- (6.4 cm), 3- (7.6 cm), 3-1/2- (8.9 cm), and 4-inch (10.2 cm) size hubs

Group 3 - Includes 1/2- (1.3 cm), 3/4- (1.9 cm), 1- (2.5 cm), 1-1/4- (3.2 cm), 1-1/2- (3.8 cm), and 2-inch (5.1 cm) size hubs

Group 4 - Includes 5-, and 6-inch size hubs

Style	Design	End	Side	End
Т	1,2,3	1/2	1/2	1/2
	1,2,3	3/4	1/2	3/4
	1,2,3	3/4	3/4	3/4
	1,2,3	1	1/2	1
	1,2,3	1	3/4	1
	1,2,3	1	1	1
	1	1-1/2	1-1/4	1-1/4
	1	1-1/2	1-1/2	1-1/2
	1	2	2	2
	1	2-1/2	2-1/2	2-1/2
	1	3	3	3
	1	3-1/2	3-1/2	3-1/2
	1	4	4	4

TABLE II - Type I, design 1, 2, and 3 Conduit Bodies With Styles and Hub Size Where Hubs Are Not All The Same

Style	Design	Form	Hub Sizes (inch)	Design	Form	Hub Sizes (inch)
A	7	1,2	1/2,3/4, & 1	8	1,2	1/2,3/4,& 1
AA	7	1	1/2,3/4, & 1			
С	7, 9, 11	1,2,3,4 & 5	1/2,3/4, & 1	8,10,&12	1, 2, 3 & 4	1/2,3/4, &1
CA	7	1	1/2,3/4, & 1	8	1	1/2,3/4, & 1
CC	7	1,2	1/2,3/4, & 1	8	1,2	1/2,3/4, & 1
CD	7	1	1/2,3/4			
E	7,9,11	1,2,3 & 4	1/2,3/4, & 1	8,10 & 12	1,2,3 & 4	1/2,3/4, & 1
L	7	1	1/2,3/4, & 1	8	1	1/2,3/4, & 1
LA	7	1	1/2,3/4, & 1	8	1	1/2,3/4, & 1
LBL	7	1	1/2,3/4, & 1			
LBR	7	1	1/2,3/4, & 1			
LFN	7	1	3/4			
R	7	1	1/2,3/4, & 1	8	1	1/2,3/4, & 1
S	7	1,2	1/2,3/4, & 1	8	1,2	1/2,3/4, & 1
Т	7	1	1/2,3/4, & 1	8	1	1/2,3/4, & 1
TM	7	1	3/4			
*X	7	1	1/2,3/4, & 1	8	1	1/2,3/4, & 1

\*TABLE III - Type II Outlet Boxes With Design and Forms

\*Forms 3 and 4 have the number of hubs on the one end equal to the form number with one hub on the other end.

Style	Hub Size (inch)	Type III Design	Type IV Design
В	1/2,3/4,& 1	16	18 & 19
С	1/2,3/4,& 1	16	18 & 19
L	1/2,3/4,& 1	16	18 & 19
Т	1/2,3/4,& 1	16	18 & 19
Х	1/2,3/4,& 1	16	18 & 19

TABLE IV - Types III and IV Outlet Boxes With Styles, Sizes, Forms, and Designs

TABLE V - Type V Outlet Boxes With Design, Styles, and Sizes

Style	Design 20	Design 21	Design 22	Design 23	Design 25	Design 26
С	1/2,3/4 & 1	1-1/4	1-1/2 & 2	1/2,3/4 & 1	1/2,3/4 & 1	1/2,3/4 & 1
CA	1/2,3/4 & 1	-	1-1/4	-	-	-
Е	1/2,3/4 & 1	1-1/4	1-1/2 & 2	-	1/2,3/4 & 1	1/2,3/4 & 1
L	1/2,3/4 & 1	1-1/4	1-1/2 & 2	1/2,3/4 & 1	1/2,3/4 & 1	1/2,3/4 & 1
LA	1/2,3/4	1-1/4	1-1/2 & 2	-	-	-
Т	1/2,3/4 & 1	1-1/4	1-1/2 & 2	1/2,3/4 & 1	1/2,3/4 & 1	1/2,3/4 & 1
TA	1/2,3/4	-	-	-	-	-
х	1/2,3/4 & 1	1-1/4	1-1/2 & 2	1/2,3/4 & 1	1/2,3/4 & 1	1/2,3/4 & 1

7.4. Source of documents.

7.4.1 NFPA Standards are available from the National Fire Protection Association (NFPA), Batterymarch Park, Quincy, MA 02269.

7.4.2 SAE Standards are available from the Society of Automotive Engineers, Inc. (SAE), 400 Commonwealth Drive, Warrendale, PA 15096.

7.4.3 ASTM Standards are available from the American Society for Testing and Materials (ASTM), 1916 Race Street, Philadelphia, PA 19103-1187.

7.4.4 UL Standards are available from the Underwriters Laboratories, Inc. (UL), 333 Pfingsten Road, Northbrook, IL 60062-2096.

MILITARY INTEREST:

CIVIL AGENCY COORDINATING ACTIVITY:

GSA-FSS

CUSTODIANS: Army - ME Navy - YD1 Air Force - 99

PREPARING ACTIVITY: Navy - YD1

AGENT: DLA-GS

Project No.: 5975-1147