



1/2" WG	POS OR NEG	2005 SMACNA SHOP STANDARDS FOR RECTANGULAR DUCT CONSTRUCTION												REMARKS
		JOINTS				JOINT TIE RODS			LONG SEAM Type	INTERMEDIATE REINFORCEMENT				
DUCT DIMENSION	PANEL GA	TYPE	SIZE	GA.	SPACE	TYPE	POS. SIZE	NEG. SIZE			TYPE	POSITIVE SIZE	NEGATIVE SIZE	SPACING
		1	2		3	4	5	6	7	8	9	10	11	
8-DOWN	26	S&D	1"	24	5'-0"				L-2					
9-10	26	S&D	1"	24	5'-0"				L-2					
11-12	26	S&D	1"	24	5'-0"				L-2					
13-14	26	S&D	1"	24	5'-0"				L-2					
15-16	26	S&D	1"	24	5'-0"				L-2					
17-18	26	S&D	1"	24	5'-0"				L-2					
19-20	26	SS&D	1"	26	5'-0"				L-2					
21-22	26	SS&D	1"	26	5'-0"				L-2					
23-24	26	SS&D	1"	26	5'-0"				L-2					
25-26	26	SS&D	1"	24	5'-0"				L-2					
27-28	26	SS&D	1"	24	5'-0"				L-2					
29-30	26	SS&D	1"	24	5'-0"				L-2					
31-36	26	SS&D	1"	24	5'-0"				L-2					
37-42	26	TDF	1-3/8"	26	5'-0"				L-2					
43-48	26	TDF	1-3/8"	26	5'-0"				L-2	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
49-54	26	TDF	1-3/8"	26	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
55-60	24	TDF	1-3/8"	24	5'-0"				L-1					
61-72	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
73-84	22	TDF	1-3/8"	22	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
85-96	22	TDF	1-3/8"	22	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
97-108	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	N/A	N/A	N/A	N/A	
109-120	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	A	H -1-1/2 X 3/16	H -2 X 1/8	2'-6"	

NEGATIVE PRESSURE EMT CONDUIT REINFORCING TABLE

EMT DIAMETER	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
EMT LENGTH	Up to 46"	47" to 62"	63" to 75"	76" to 96"	97" to 118"	119" to 120"

- 1) Indicates Joint type from fig. 2-1.
- 2) Indicates joint size.
- 3) Indicates spacing between joints
- 4) Indicates type tie rod used for fig. 2-6D.
- 5) Indicates size tie rod for pos. pressure per DCS spec. S1.19.4.
- 6) Indicates size tie rod for neg. pressure per DCS table 2-38

- 7) Indicates longitudinal seam from DCS 2-2 (L-1=Pittsburgh; L-2= Snaplock).
- 8) Indicates intermediate reinforcement type.
(A= angle; TR= tie rod; MPT = mid panel tie rod; ZEE per fig. 2-12).
- 9) Indicates size of intermediate stiffener for pos. pressure per tables 2-41 or 2-29.
- 10) Indicates size of intermediate stiffener for neg. pressure per tables 2-43 to 2-45 or 2-29.
- 11) Indicates location of intermediate stiffener.



1" WG	POS OR NEG	2005 SMACNA SHOP STANDARDS FOR RECTANGULAR DUCT CONSTRUCTION												
		JOINTS				JOINT TIE RODS			LONG SEAM Type	INTERMEDIATE REINFORCEMENT				REMARKS
DUCT DIMENSION	PANEL GA	TYPE	SIZE	GA.	SPACE	TYPE	POS. SIZE	NEG. SIZE		TYPE	POSITIVE SIZE	NEGATIVE SIZE	SPACING	
		1	2		3	4	5	6	7	8	9	10	11	
8-DOWN	26	S&D	1"	24	5'-0"				L-2					
9-10	26	S&D	1"	24	5'-0"				L-2					
11-12	26	S&D	1"	24	5'-0"				L-2					
13-14	26	SS&D	1"	24	5'-0"				L-2					
15-16	26	SS&D	1"	24	5'-0"				L-2					
17-18	26	SS&D	1"	24	5'-0"				L-2					
19-20	26	SS&D	1"	24	5'-0"				L-2					
21-22	26	SS&D	1"	24	5'-0"				L-2					
23-24	26	SS&D	1"	24	5'-0"				L-2					
25-26	26	SS&D	1"	24	5'-0"				L-2					
27-28	26	SS&D	1"	24	5'-0"				L-2					
29-30	26	TDF	1-3/8"	26	5'-0"				L-2					
31-36	26	TDF	1-3/8"	26	5'-0"				L-2	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
37-42	26	TDF	1-3/8"	26	5'-0"				L-2	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
43-48	24	TDF	1-3/8"	24	5'-0"				L-2	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
49-54	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
55-60	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
61-72	24	TDF	1-3/8"	24	5'-0"				L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
73-84	22	TDF	1-3/8"	22	5'-0"	1 EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
85-96	20	TDF	1-3/8"	20	5'-0"	1 EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
97-108	18	TDF	1-3/8"	18	5'-0"	1 EMT	1/2"	SEE TABLE	L-1	Zee	2 x 1-1/8 x 1/8	N/A	2'-6"	
109-120	18	TDF	1-3/8"	18	5'-0"	1 EMT	1/2"	SEE TABLE	L-1	Zee	2 x 1-1/8 x 1/8	2 x 1-1/8 x 1/8	2'-6"	

NEGATIVE PRESSURE EMT CONDUIT REINFORCING TABLE						
EMT DIAMETER	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
EMT LENGTH	Up to 46"	47" to 62"	63" to 75"	76" to 96"	97" to 118"	119" to 120"

1) Indicates Joint type from fig. 2-1.

2) Indicates joint size.

3) Indicates spacing between joints

4) Indicates type tie rod used for fig. 2-6D.

5) Indicates size tie rod for pos. pressure per DCS spec. S1.19.4.

6) Indicates size tie rod for neg. pressure per DCS table 2-38

7) Indicates longitudinal seam from DCS 2-2 (L-1=Pittsburgh; L-2= Snaplock).

8) Indicates intermediate reinforcement type.

(A= angle; TR= tie rod; MPT = mid panel tie rod; ZEE per fig. 2-12).

9) Indicates size of intermediate stiffener for pos. pressure per tables 2-41 or 2-29.

10) Indicates size of intermediate stiffener for neg. pressure per tables 2-43 to 2-45 or 2-29.

11) Indicates location of intermediate stiffener.



2" WG	POS OR NEG	2005 SMACNA SHOP STANDARDS FOR RECTANGULAR DUCT CONSTRUCTION												
		JOINTS				JOINT TIE RODS			LONG SEAM Type	INTERMEDIATE REINFORCEMENT				REMARKS
DUCT DIMENSION	PANEL GA	TYPE	SIZE	GA.	SPACE	TYPE	POS. SIZE	NEG. SIZE			TYPE	POSITIVE SIZE	NEGATIVE SIZE	
		1	2		3	4	5	6	7	8	9	10	11	
8-DOWN	26	S&D	1"	24	5'-0"				L-2					
9-10	26	S&D	1"	24	5'-0"				L-2					
11-12	26	S&D	1"	24	5'-0"				L-2					
13-14	26	SS&D	1"	22	5'-0"				L-2					
15-16	26	SS&D	1"	22	5'-0"				L-2					
17-18	26	SS&D	1"	22	5'-0"				L-2					
19-20	26	SS&D	1"	22	5'-0"				L-2					
21-22	26	TDF	1-3/8"	26	5'-0"				L-2					
23-24	26	TDF	1-3/8"	26	5'-0"				L-2					
25-26	26	TDF	1-3/8"	26	5'-0"				L-2					
27-28	26	TDF	1-3/8"	26	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
29-30	26	TDF	1-3/8"	26	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
31-36	26	TDF	1-3/8"	26	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
37-42	24	TDF	1-3/8"	24	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
43-48	22	TDF	1-3/8"	22	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
49-54	22	TDF	1-3/8"	22	5'-0"				L-1	1-MPT	½" EMT	SEE TABLE	2'-6"	
55-60	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-1	1-MPT	½" EMT	SEE TABLE	2'-6"	
61-72	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
73-84	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
85-96	20	TDF	1-3/8"	20	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
97-108	18	TDF	1-3/8"	18	5'-0"	1-EMT	½"	SEE TABLE	L-1	Zee	2 x 1-1/8 x 1/8	2 x 1-1/8 x 1/8	2'-6"	
109-120	18	TDF	1-3/8"	18	5'-0"	1-EMT	½"	SEE TABLE	L-1	Zee	3 x 1-1/8 x 12ga	3 x 1-1/8 x 12ga	2'-6"	

NEGATIVE PRESSURE EMT CONDUIT REINFORCING TABLE						
EMT DIAMETER	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
EMT LENGTH	Up to 46"	47" to 62"	63" to 75"	76" to 96"	97" to 118"	119" to 120"

1) Indicates Joint type from fig. 2-1.

2) Indicates joint size.

3) Indicates spacing between joints

4) Indicates type tie rod used for fig. 2-6D.

5) Indicates size tie rod for pos. pressure per DCS spec. S1.19.4.

6) Indicates size tie rod for neg. pressure per DCS table 2-38

7) Indicates longitudinal seam from DCS 2-2 (L-1=Pittsburgh; L-2= Snaplock).

8) Indicates intermediate reinforcement type.

(A= angle; TR= tie rod; MPT = mid panel tie rod; ZEE per fig. 2-12).

9) Indicates size of intermediate stiffener for pos. pressure per tables 2-41 or 2-29.

10) Indicates size of intermediate stiffener for neg. pressure per tables 2-43 to 2-45 or 2-29.

11) Indicates location of intermediate stiffener.



3" WG	POS OR NEG	2005 SMACNA SHOP STANDARDS FOR RECTANGULAR DUCT CONSTRUCTION												REMARKS
		JOINTS				JOINT TIE RODS			LONG SEAM Type	INTERMEDIATE REINFORCEMENT				
DUCT DIMENSION	PANEL GA	TYPE	SIZE	GA.	SPACE	TYPE	POS. SIZE	NEG. SIZE		TYPE	POSITIVE SIZE	NEGATIVE SIZE	SPACING	
		1	2		3	4	5	6	7	8	9	10	11	
8-DOWN	26	SS&D	1"	26	5'-0"				L-2					
9-10	26	SS&D	1"	26	5'-0"				L-2					
11-12	26	SS&D	1"	26	5'-0"				L-2					
13-14	24	SS&D	1"	24	5'-0"				L-2					
15-16	24	SS&D	1"	24	5'-0"				L-2					
17-18	24	SS&D	1"	24	5'-0"				L-2					
19-20	24	TDF	1-3/8"	24	5'-0"				L-2					
21-22	24	TDF	1-3/8"	24	5'-0"				L-2					
23-24	24	TDF	1-3/8"	24	5'-0"				L-2					
25-26	24	TDF	1-3/8"	24	5'-0"				L-2					
27-28	24	TDF	1-3/8"	24	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
29-30	24	TDF	1-3/8"	24	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
31-36	24	TDF	1-3/8"	24	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
37-42	22	TDF	1-3/8"	22	5'-0"				L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
43-48	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-2	1-MPT	½" EMT	SEE TABLE	2'-6"	
49-54	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-1	1-MPT	½" EMT	SEE TABLE	2'-6"	
55-60	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
61-72	22	TDF	1-3/8"	22	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
73-84	20	TDF	1-3/8"	20	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
85-96	18	TDF	1-3/8"	18	5'-0"	1-EMT	½"	SEE TABLE	L-1	2-MPT	½" EMT	SEE TABLE	2'-6"	
97-108	18	TDF	1-3/8"	18	5'-0"	1-EMT	½"	SEE TABLE	L-1	Zee	3 x 1-1/8 x 1/8	3 x 1-1/8 x 1/8	2'-6"	
109-120	18	TDF	1-3/8"	18	5'-0"	1-EMT	½"	SEE TABLE	L-1	Zee	3 x 1-1/8 x 1/8	3 x 1-1/8 x 1/8	2'-6"	

NEGATIVE PRESSURE EMT CONDUIT REINFORCING TABLE						
EMT DIAMETER	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
EMT LENGTH	Up to 46"	47" to 62"	63" to 75"	76" to 96"	97" to 118"	119" to 120"

- 1) Indicates Joint type from fig. 2-1.
- 2) Indicates joint size.
- 3) Indicates spacing between joints
- 4) Indicates type tie rod used for fig. 2-6D.
- 5) Indicates size tie rod for pos. pressure per DCS spec. S1.19.4.
- 6) Indicates size tie rod for neg. pressure per DCS table 2-38

- 7) Indicates longitudinal seam from DCS 2-2 (L-1=Pittsburgh; L-2= Snaplock).
- 8) Indicates intermediate reinforcement type.
(A= angle; TR= tie rod; MPT = mid panel tie rod; ZEE per fig. 2-12).
- 9) Indicates size of intermediate stiffener for pos. pressure per tables 2-41 or 2-29.
- 10) Indicates size of intermediate stiffener for neg. pressure per tables 2-43 to 2-45 or 2-29.
- 11) Indicates location of intermediate stiffener.



4" WG	POS OR NEG	2005 SMACNA SHOP STANDARDS FOR RECTANGULAR DUCT CONSTRUCTION												REMARKS
		JOINTS				JOINT TIE RODS			LONG SEAM Type	INTERMEDIATE REINFORCEMENT				
DUCT DIMENSION	PANEL GA	TYPE	SIZE	GA.	SPACE	TYPE	POS. SIZE	NEG. SIZE		TYPE	POSITIVE SIZE	NEGATIVE SIZE	SPACING	
		1	2		3	4	5	6	7	8	9	10	11	
8-DOWN	26	SS&D	1"	26	5'-0"				L-1					
9-10	26	SS&D	1"	26	5'-0"				L-1					
11-12	26	SS&D	1"	24	5'-0"				L-1					
13-14	24	SS&D	1"	24	5'-0"				L-1					
15-16	24	SS&D	1"	24	5'-0"				L-1					
17-18	24	TDF	1-3/8"	24	5'-0"				L-1					
19-20	24	TDF	1-3/8"	24	5'-0"				L-1					
21-22	24	TDF	1-3/8"	24	5'-0"				L-1					
23-24	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
25-26	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
27-28	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
29-30	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
31-36	22	TDF	1-3/8"	22	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
37-42	22	TDF	1-3/8"	22	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
43-48	22	TDF	1-3/8"	22	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2'-6"	
49-54	22	TDF	1-3/8"	22	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
55-60	22	TDF	1-3/8"	22	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
61-72	20	TDF	1-3/8"	20	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
73-84	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
85-96	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2'-6"	
97-108	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	Zee	3 x 1-1/8 x 1/8	3 x 1-1/8 x 1/8	2'-6"	END TIE
109-120	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	Zee	3 x 1-1/8 x 1/8	3 x 1-1/8 x 1/8	2'-6"	END TIE

NEGATIVE PRESSURE EMT CONDUIT REINFORCING TABLE

EMT DIAMETER	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
EMT LENGTH	Up to 46"	47" to 62"	63" to 75"	76" to 96"	97" to 118"	119" to 120"

- | | |
|--|--|
| <ul style="list-style-type: none"> 1) Indicates Joint type from fig. 2-1. 2) Indicates joint size. 3) Indicates spacing between joints 4) Indicates type tie rod used for fig. 2-6D. 5) Indicates size tie rod for pos. pressure per DCS spec. S1.19.4. 6) Indicates size tie rod for neg. pressure per DCS table 2-38 | <ul style="list-style-type: none"> 7) Indicates longitudinal seam from DCS 2-2 (L-1=Pittsburgh; L-2= Snaplock). 8) Indicates intermediate reinforcement type.
(A= angle; TR= tie rod; MPT = mid panel tie rod; ZEE per fig. 2-12). 9) Indicates size of intermediate stiffener for pos. pressure per tables 2-41 or 2-29. 10) Indicates size of intermediate stiffener for neg. pressure per tables 2-43 to 2-45 or 2-29. 11) Indicates location of intermediate stiffener. |
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6" WG	POS OR NEG	2005 SMACNA SHOP STANDARDS FOR RECTANGULAR DUCT CONSTRUCTION												
		JOINTS				JOINT TIE RODS			LONG SEAM Type	INTERMEDIATE REINFORCEMENT				REMARKS
DUCT DIMENSION	PANEL GA	TYPE	SIZE	GA.	SPACE	TYPE	POS. SIZE	NEG. SIZE		TYPE	POSITIVE SIZE	NEGATIVE SIZE	SPACING	
		1	2		3	4	5	6	7	8	9	10	11	
8-DOWN	26	TDF	1-3/8"	26	5'-0"				L-1					
9-10	24	TDF	1-3/8"	24	5'-0"				L-1					
11-12	24	TDF	1-3/8"	24	5'-0"				L-1					
13-14	26	TDF	1-3/8"	26	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
15-16	26	TDF	1-3/8"	26	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
17-18	26	TDF	1-3/8"	26	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
19-20	26	TDF	1-3/8"	26	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
21-22	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
23-24	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
25-26	24	TDF	1-3/8"	24	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
27-28	22	TDF	1-3/8"	22	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
29-30	22	TDF	1-3/8"	22	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
31-36	20	TDF	1-3/8"	20	5'-0"				L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
37-42	20	TDF	1-3/8"	20	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
43-48	20	TDF	1-3/8"	20	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
49-54	20	TDF	1-3/8"	20	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
55-60	20	TDF	1-3/8"	20	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
61-72	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	1-MPT	1/2" EMT	SEE TABLE	2 1/2'	
73-84	18	TDF	1-3/8"	18	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2 1/2'	
85-96	16	TDF	1-3/8"	16	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	2-MPT	1/2" EMT	SEE TABLE	2 1/2'	
97-108	16	TDF	1-3/8"	16	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	Zee	3 x 1-1/8 x 1/8	3 x 1-1/8 x 1/8	2 1/2' Ends Tie	
109-120	16	TDF	1-3/8"	16	5'-0"	1-EMT	1/2"	SEE TABLE	L-1	Zee	3 x 1-1/8 12G+TR	3 x 1-1/8 12G+TR	2 1/2' Ends Tie	

NEGATIVE PRESSURE EMT CONDUIT REINFORCING TABLE

EMT DIAMETER	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
EMT LENGTH	Up to 46"	47" to 62"	63" to 75"	76" to 96"	97" to 118"	119" to 120"

1) Indicates Joint type from fig. 2-1.

2) Indicates joint size.

3) Indicates spacing between joints

4) Indicates type tie rod used for fig. 2-6D.

5) Indicates size tie rod for pos. pressure per DCS spec. S1.19.4.

6) Indicates size tie rod for neg. pressure per DCS table 2-38

7) Indicates longitudinal seam from DCS 2-2 (L-1=Pittsburgh; L-2= Snaplock).

8) Indicates intermediate reinforcement type.

(A= angle; TR= tie rod; MPT = mid panel tie rod; ZEE per fig. 2-12).

9) Indicates size of intermediate stiffener for pos. pressure per tables 2-41 or 2-29.

10) Indicates size of intermediate stiffener for neg. pressure per tables 2-43 to 2-45 or 2-29.

11) Indicates location of intermediate stiffener.