

## DAFTAR PUSTAKA

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## LAMPIRAN I

### Properti Material Baja Karbon dan Baja Paduan (1)

*Pressure Vessel Handbook, Megyesy, 1986*

PROPERTIES OF MATERIALS CARBON & LOW ALLOY STEEL *				
Form	Nominal Composition	Specification		APPLICATION
		Number	Grade	
Plate	C	SA-283	C	Structural quality. For pressure vessel may be used with limitations see note: 1
	C	SA-285	C	Boilers for stationary service and other pressure vessels
	C - Si	SA-515	55	Primarily for intermediate and high temperature service
	C - Si	SA-515	60	- " -
	C - Si	SA-515	65	- " -
	C - Si	SA-515	70	- " -
	C - Si	SA-516	55	For moderate and lower temperature service
	C - Si	SA-516	60	- " -
	C - Mn - Si	SA-516	65	- " -
Flange and Fitting	C - Mn - Si	SA-105		For high temperature service
	C - Si	SA-181	I	For general service
	C - Mn	SA-350	LF1	For low temperature service
	C - Mn - Si		LF2	
Pipe	C - Mn	SA-53	B	For general service
	C - Mn	SA-106	B	For high temperature service
Bolting	1Cr-1/5 Mo.	SA-193	B7 ..	For high temperature service Bolt 2½ in. diam. or less
		SA-194	2H	For high temperature service nut
		SA-307	B	Machine bolt for general use
* Data of the most frequently used materials from ASME Code Section II and VIII.				



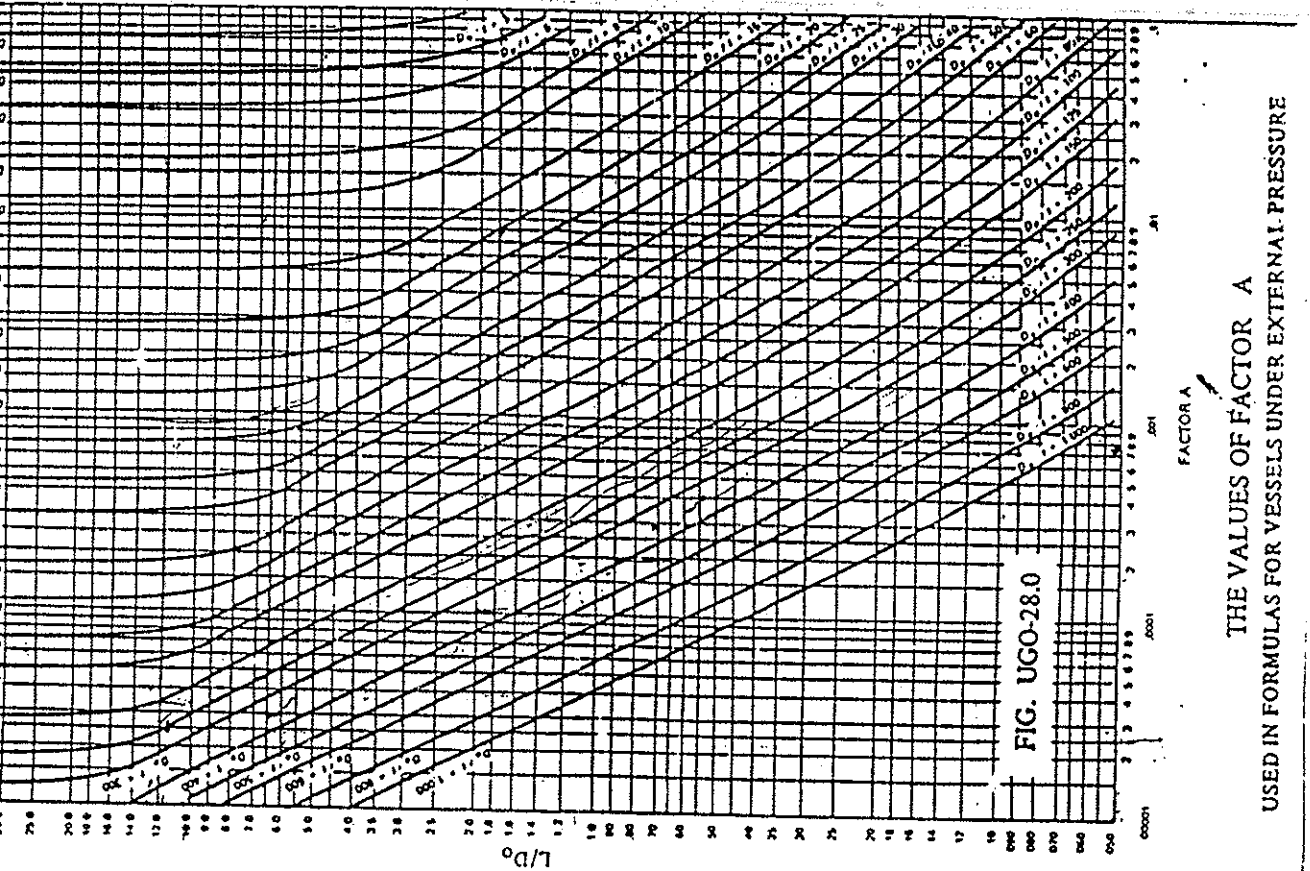
### LAMPIRAN 3

#### Properti Material Baja Karbon dan Baja Paduan (3)

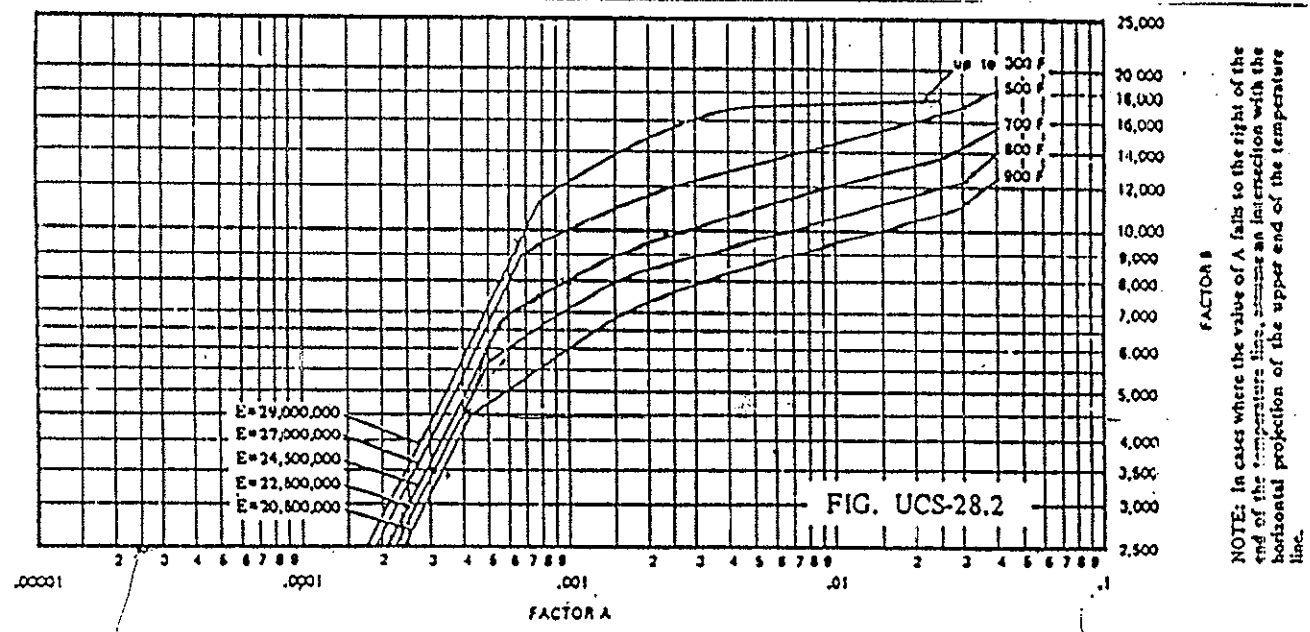
*Pressure Vessel Handbook, Megyesy, 1986*

PROPERTIES OF MATERIAL (cont.)						
Form	Specification		P Number	Tensile Strength 1,000 psi.	Yield Point 1,000 psi.	See Notes
	Number	Grade				
PLATE	SA-283	C	1	55.0	30.0	1
	SA-285	C	1	55.0	30.0	2,6
	SA-515	55	1	55.0	30.0	3
	SA-515	60	1	60.0	32.0	3
	SA-515	65	1	65.0	35.0	3
	SA-515	70	1	70.0	38.0	3
	SA-516	55	1	55.0	30.0	3,8
	SA-516	60	1	60.0	32.0	3,8
	SA-516	65	1	65.0	35.0	3,8
	SA-516	70	1	70.0	38.0	3,8
FLANGE AND FITTING	SA-105		1	70.0	36.0	2,3
	SA-181	1	1	60.0	30.0	2,3
	SA-350	LF1 LF2	1	60.0 70.0	30.0 36.0	-
Seamless PIPE	SA-53	B	1	60.0	35.0	2,3,4,7
	SA-106	B	1	60.0	35.0	3
BOLTING	SA-193	B7	-	125.0	105.0	DIAM > 2 1/4 in and < 4 in -
	SA-194	2H	-	55.0	-	-
	SA-307	B	-	55.0	-	5

LAMPIRAN 4  
Nilai Faktor A dan B



FACTOR A  
THE VALUES OF FACTOR A  
USED IN FORMULAS FOR VESSELS UNDER EXTERNAL PRESSURE



THE VALUES OF FACTOR B