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THE BABCOCK & WILCOX COMPANY
POWER GENERATION GROUP
INDUSTRIAL & MARINE DIVISION

SPECIFICATIONS FOR INSULATION MATERIALS

MATERIALS (Cont'd)

13M Vendor is to list for each insulation item and part thereof, the square feet area of component involved and the extra per cent of quantity included for breakage in shipment, handling and erection.

14M Use of all types of medium temperature block approved by B&W Co. is permitted where medium temperature block is called for.

15M We require on the 15th and last of each month a report showing percentage of material shipped to the job site to date.

MATERIAL SPECIFICATIONS

16M All insulation materials must meet the specifications listed herein.
All insulation materials must be asbestos free.

CLASS	TYPE	SPECIFICATIONS	
		MATERIAL SPECIFICATIONS	TEMP. USE LIMIT - °F
BLOCK OR BLANKET		B&W APPROVED	
17M High-Temperature Block	Diatomaceous Earth	ASTM C-517 (Type 2)	1900
18M High-Temperature Block	Mineral Fiber	ASTM C-612 (Class 5)	1800
19M Medium Temp. Block	Calcium Silicate	ASTM C-533	1200
20M Medium Temp. Block	Expanded Perlite	ASTM C-610	1500
21M Medium Temp. Block	Mineral Fiber	ASTM C-612 (Class 5)	1200
*22M Medium Temp. Block	Mineral Fiber	ASTM C-612 (Class 4)	1000
23M Intermediate Temp. Block	Min. Fiber 8Lb/ft ³ NOM	ASTM C-612 (Class 3)	850
23Ma Intermediate Temp. Block	Min. Fiber 3Lb/ft ³ NOM	ASTM C-612 (Class 3)	850
24M Blanket Insulation	Min. Fiber 6Lb/ft ³ NOM	ASTM C-592 (Class I)	1000
25M Blanket Insulation	Min. Fiber 8Lb/ft ³ NOM	ASTM C-592 (Class II)	1200
26M Blanket Insulation	B&W Kaowool		2300
PIPE INSULATION		B&W APPROVED	
27M Medium Temperature P/C	Expanded Perlite	ASTM C-610	1500
28M Medium Temperature P/C	Calcium Silicate	ASTM C-533	1200
*29M Medium Temperature P/C	Mineral Fiber	ASTM C-547	1200
*30M Medium Temperature P/C	Mineral Fiber	ASTM C-612 (Class 3)	1200
30Ma Low Temperature P/C	Glass Fiber	ASTM C-547	370
CEMENTS		B&W APPROVED	
31M High Temp. Plastic Insulating Cement	Mineral Fiber	ASTM C-195	1800
31Ma Medium Temp. Insulating and Finishing Cement	Mineral Fiber	ASTM C-449	1200

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ASTM classes & specifications taken from ASTM Part 14, 1972.

* Maximum cold face use limit = 300°F.