FILE NAME: The Budd Company (BUD)

DATE: 1957 Sept 24

DOC#: BUD007

DOCUMENT DESCRIPTION: Letter – Budd's Purchase of Continental Diamond Fibre

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER BUDD_00227390

RAILWAY DIV.
MGR'S
OFFICE
SEP 26 1957

9-24-57

[redacted]

Dear Bernice:

Attached hereto is the comprehensive index about which we spoke last week.

I hope it will not be confusing to you. I have attached the list of all tests for Red Lion Railway Group since 1951 when this system was inaugurated. Where necessary, I have made notes as a guide.

You will note the TR-1500 series covers compression & vertical load tests primarily. These are generally assigned by Mr. Ebenbach.

The TP or PR index covers tests performed for Product Research Group (Mr. W. B. Dean). You will notice that there are many railcar tests listed therein.

The TD list is for tests performed by us where there is no test number assigned. It assists us in keeping a record of the work. Since there is such a large variety of subjects covered in our index, I have indicated all railcar tests with a red asterisk.

Hope this will be the help you want. If there are any other questions, please call me, I'll be only too glad to help if I can.

Mary Cassidy

EXHIBIT
Bauer 15
2-8-18 WP
PENGAD 800-631-6989

HP CP 98
RL 2/6055
5.100/156

TESTS CONDUCTED BY RESEARCH & DEVELOPMENT

NUMBERED PROJECTS

No.

#21 - Tensile Properties Titanium Alloys - Proj. #21 - determined at various temperatures.

#20 - Tensile Properties of Cold Worked & Aged HDM - Proj. 20 Summary - F.A. Rehnle

19 & 19-A Report of resistance welding of thin gages of extra high tensile 301 stainless steel

25 Resistance Roll-Spot & Seam Welding of thin gages of extra high tensile 301 S.S.

1-A " " " " " " " " " " L 605 Alloy

26 Evaluation of weldability of commercially pure Molybdenum & alloys

27 26-A Resist. Spot Weld 0.015" Molybdenum 0.5 Titanium Alloy

28

29

30

31 Master Rupture Curves, Cold Roller L-605.

32

33 Monautronic Weld Control Study of Alloy Materials and Pile up combinations in 301 stainles

34 Stress Corrosion - Final Report

35 Evaluation of weldability of precipitation hardening stainless steel.

36 Inert Gas shielded tungsten arc welding of Ti 6 Al-4V Titanium alloy

37

38

39 Evaluation of Turco #4317 & #4367 High Temperature Coatings

40 Budd & Armco Steel - Eval. Mech. Prop. of the Precipitation hardening alloys

41

42 Dissolution of Copper Mandrels - Met. & Welding Research Lab. plus supplement

43

44

45

46

47

48 Stress Relaxation of Zircaloy - 2 and -3

49 Load Cell materials - Request of Tatnall Div.

50

51

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CONFIDENTIAL-SUBECT TO PROTECTIVE ORDER

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
BUDD_00227392

IP CP 98
U. 216-035
5. 100-136

TESTS CONDUCTED BY RESEARCH & DEVELOPMENT

NUMBERED PROJECTS

No.	
61	
62	
63	
64	
65	
66	
67	Molybdemum
68	
69	
70	Welding of Stainless Steels
71	Investigation of Precipitation Hardening Alloy
72	
73	
74	
76	
77 - A	Rolling & Sizing of Shapes 77 - B Recess Cover Plates
78	
79	
80	
81	
82	
83	
84	Sandwich Panel Construction & Resistance Welding Eval. of Node Configurations & 301 S.S.
85	
86	
87	
88	
89	
90	
91	
92	Mechanical properties obtainable in AISI 4340 Steel with the Tungsten Inert Gas Process
93	
94	
95	
96	

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
BUDD_00227393

HP CP 86
RL 215-035
G 100-156

TESTS CONDUCTED BY RESEARCH & DEVELOPMENT

NUMBERED PROJECTS

Proj.

97

98

99

100

101

102

103

104

105

106

107

108

109

110

111 Corrosion of Stainless Steels by Nitric Acid Solutions

112

113

114

115

116

117

118

119

120

121

122

123

124

125

126 Mechanical Properties Investigation of Inconel "X"

128 Weldability of Several Titanium Alloys

Investigation of the Effects of Cold Rolling and Aging on the Mechanical Properties and Microstructure of A-286. H.A. Jahnle

Abstract: "Rapid Elec. Resistance heating of a prestressed tensile specimen".

TESTS CONDUCTED BY RESEARCH & DEVELOPMENT

NUMBERED PROJECTS

Proj. No.	
194	Beryllium Evaluation
195	
196	
197	
198	
199	
200	- T Microstructure of Inconel "X" Creep Rupture Specimens
201	
202	
203	
204	- Resistance Spot Welding 0.006" & 0.015" Annealed Columbium & Tantalum
205	
206	Resistance Roll Spot and Seam Welding Thin Gages of 17-7 PH, PH 15-7 Mo., AM 355 & Inconel "X" in their heat treated condition s
207	
208	
209	
210	Metal to Metal Seal (210-W)
211	
212	
213	
214	
215-A	Inert Gas Shielded Tungsten Arc Welding Evaluation of 0.060" Rene' 41 Alloy