

SPREADER BAR

I.D. N^o 29

COLOR OF BAR :

ALUMINUM

LOAD CAPACITY PAINTED
ON BAR 200 LBS TONS.

DATE CAP. & I.D. N^o PAINTED
ON BAR _____

DATE OF LAST LOAD
TEST. SEPT. 12, 1989

TEST LOAD WEIGHT 250 LB TONS

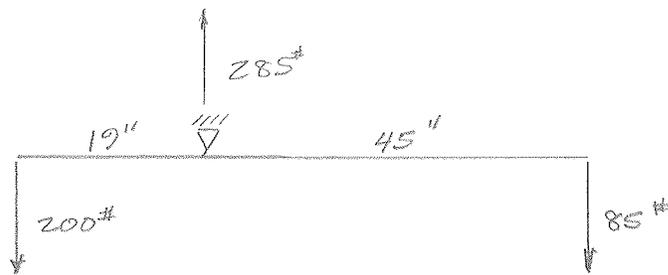
TEST LOAD % 125%

STRESS CALCULATIONS :

DONE BY J. A. Weiland

DATE SEPT. 8, 1989

REMARKS :

ALUMINUM TUBE 3x3 x 1/8"

$$M = 200 \times 19 = 3,800 \text{ IN-LB}$$

$$S = \frac{3(3)^3 - 2.75(2.75)^3}{6(3)} = 1.322 \text{ IN}^3$$

$$f_b = \frac{M}{S} = 3,800 / 1.322$$

$$= 2,873 \text{ PSI} \leq 10,000 \text{ PSI}$$

∴ ADEQUATE

E760 FORWARD TRACKING
CHAMBER - LIFTING FIXTURE

SPREADER BAR
NO. 29

J. L. WESTERN
SEPT. 13, 1989

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