FIG. NF-3426.1-1 ADDITIONAL PERMISSIBLE WELDED JOINTS FOR CLASS 1 STANDARD SUPPORTS

(a - 1)  (a - 2)

(b)  (c)  (d)

(e)  (f)

NF-3456 Design of Welded Joints

The requirements of NF-3426 shall be met, except that for groove welded and fillet welded T-joints, the welds may be intermittent instead of continuous.

NF-3460 DESIGN BY ANALYSIS FOR CLASS 3

The design of Class 3 Standard Supports shall be in accordance with the requirements of NF-3450, using one of the design procedures indicated in Table NF-3131(a)-1.

NF-3470 DESIGN BY EXPERIMENTAL STRESS ANALYSIS

Standard Supports may be designed by experimental stress analysis in accordance with the requirements of NF-3270 for Plate- and Shell-Type Standard Supports and NF-3370 for Linear-Type Standard Supports.

NF-3480 PROCEDURE FOR LOAD RATING

Standard Supports may be designed by the procedure for load rating in accordance with the requirements of NF-3280 for Plate- and Shell-Type Standard Supports and NF-3380 for Linear-Type Standard Supports.

NF-3500 DESIGN RULES FOR COMPONENT SUPPORTS

NF-3510 GENERAL REQUIREMENTS

The design of component supports shall be in accordance with this Subarticle and the applicable general requirements of NF-3110, NF-3210, NF-3310, and NF-3410.

NF-3520 DESIGN BY ANALYSIS FOR CLASS 1

NF-3521 General Design Requirements

This Subsubarticle provides stress limits for elements of Class 1 component supports. For general requirements as to stress determinations, definitions, derivations of stress intensities, and classification of stresses, refer to NF-3120.

NF-3522 Design of Plate- and Shell-Type Component Supports

(a) The design rules and stress intensity limits which must be satisfied for the Design and Service Loadings are given in NF-3220.