TABLE 1. COMMON CRAs WITH ASSOCIATED ADVANTAGES AND DISADVANTAGES

Procedures	Description	Pros and Cons
A	Simulation of operation conditions of the part and testing group of CRAs in those conditions for comparison.	• Lengthy • Expensive
B	Review literature for corrosion data and select CRA based on reported data.	• Not reliable—certain critical field conditions may not be discussed in the literature • Possibility of selecting an alloy costlier than required
C	Selection based on data provided by the vendor, availability, and low price.	• Possibility of selecting an inappropriate CRA • Corrosion and/or cracking
D	Review literature for corrosion data that applies to the anticipated field conditions. Based on the review, make preliminary selection of candidate CRAs. Test the selected CRAs under simulated field environment/specific conditions. Select the most techno-economically viable one.	• Reliable • Cost effective