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MIX-50 is a solid wire for gas metal arc welding applied to sheets of mild

Atmospheric corrosion-resistant (ACR) steels (also known as weathering steel) are used in high-

in horizontal fillet welding, exhibiting unmatched bead appearance, excellent slag removal, and a low flux consumption ratio — thereby adding economy and value. SAW wires designated with US and USW are solid wires. All the alloying elements are added from the wire to ensure consistent quality of the weld metal.

Weld joint properties of advanced ACR steel

Table 5 shows welding conditions used for a weld joint test of Cu-Ni-Ti type advanced ACR steel by double-side single-pass SAW, and Table 6 shows the mechanical test results of this weld joint. Figure 5 shows an example of bridges constructed by using advanced ACR steels.

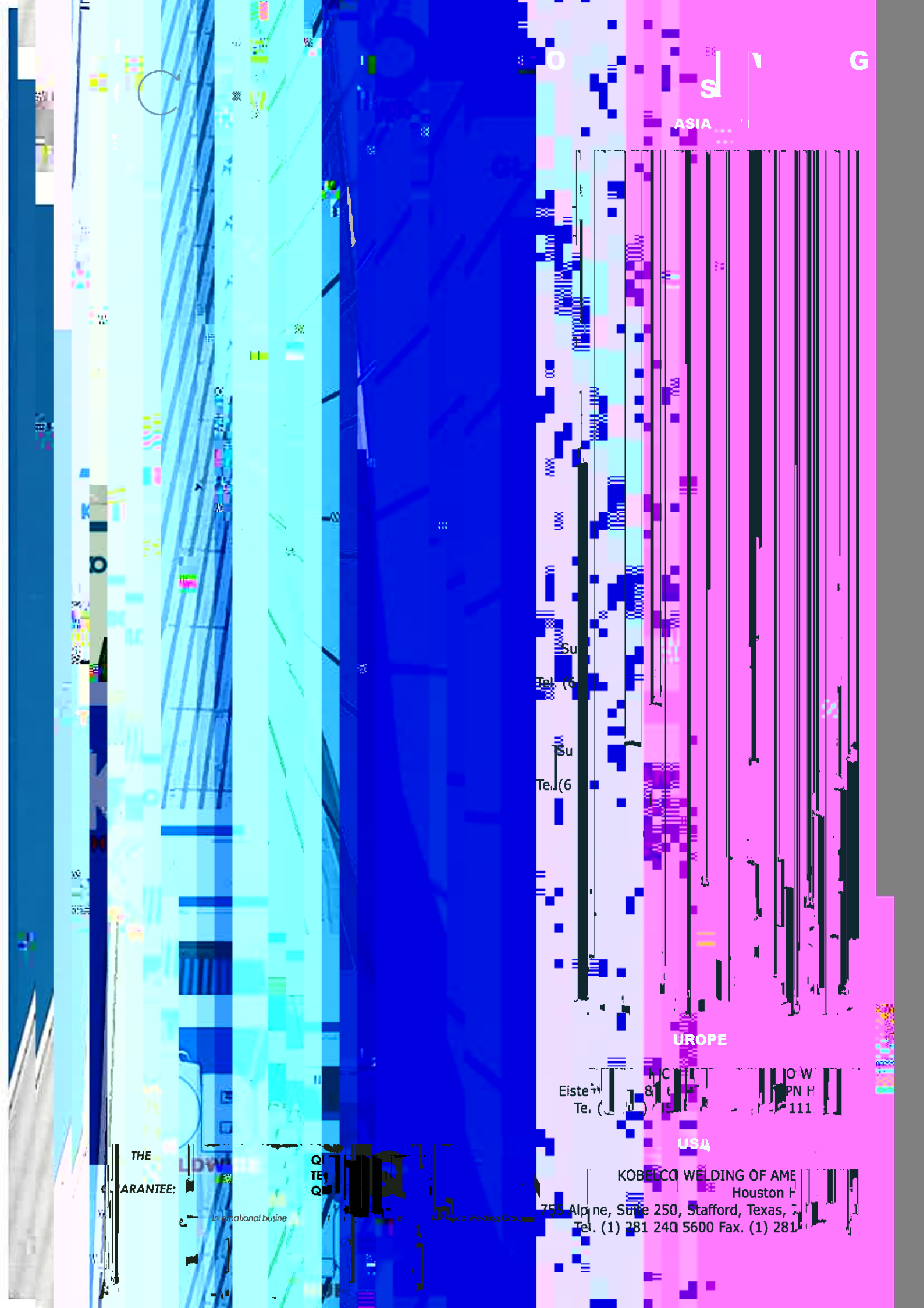
Figure 5: A bridge construc

The Welding Company of

The 2006 Japan International Welding Show in Tokyo

Following the show in Osaka in 2004, The Japan International Welding Show 2006 was held at





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