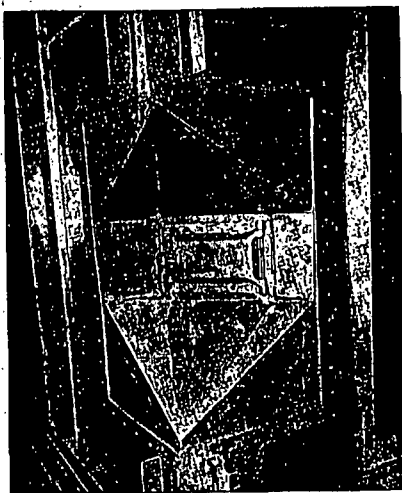


INSULATION continued



4 Finished inspection door has neat appearance, is tight and trouble-free. Shape of opening permits easy access



5 Top of boiler side wall with 4-in.-thick blocks in place. Metal lath, insulating cement separate blocks from tubes



8 Securing tie wires for block insulation on boiler superheater wall. Block joints pointed with insulating cement



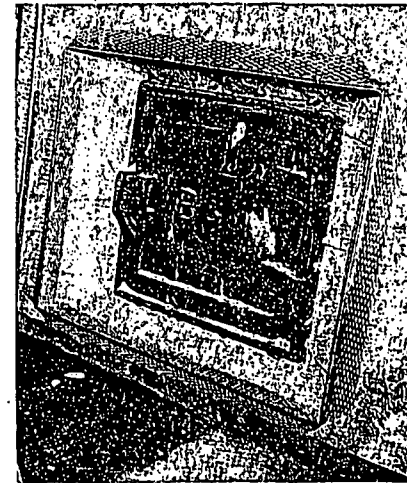
9 Breeching, top, showing metal lath applied over blocks. The induced-draft fan duct, bottom, is block insulated



10 Here half-nuts are being applied to a welded stud on the recirculating-air duct. Stucco lath is over insulation



6 Metal straps tie insulating blocks to mesh on back wall of air heater. Note the expansion joint at lower right



7 Air-heater inspection door showing corner beading, lath and tie wires. Metal straps (not shown) are also used

Many Application Methods Are Used in Insulating a Modern Boiler

Careful planning and accurate fitting insure a tight job, good for many years of service. In this photo story, neat finish shows work quality



11 Early steps in applying the block insulation to cyclone separators



12 Secondary collector during application of the curved block insulation



13 Finished insulation job on the fan above the secondary dust collector