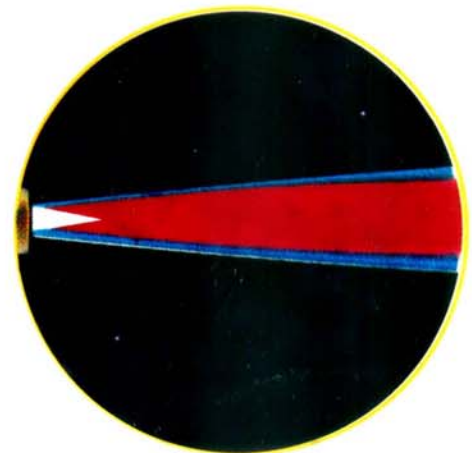
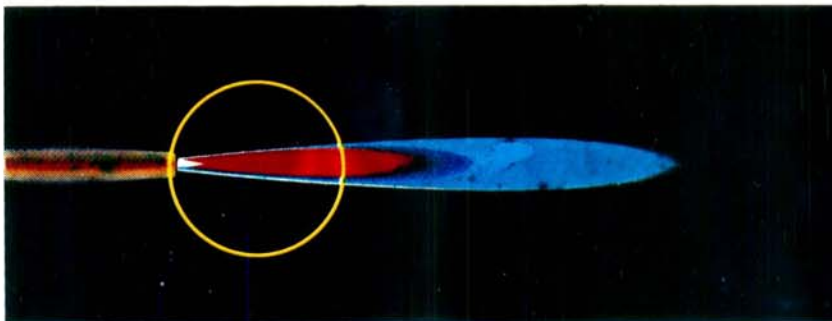
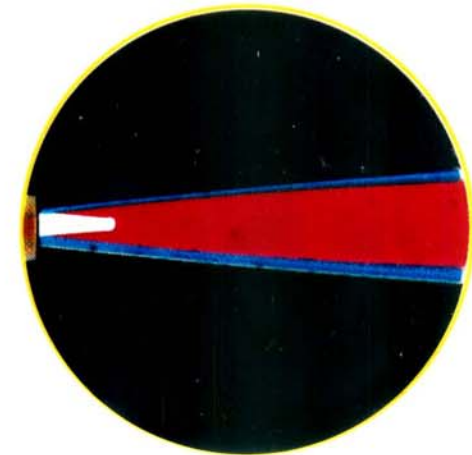
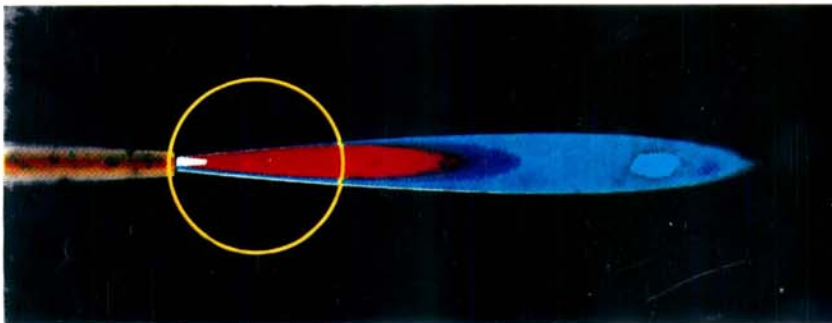
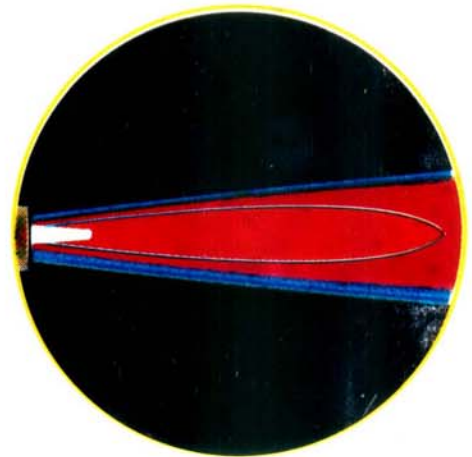
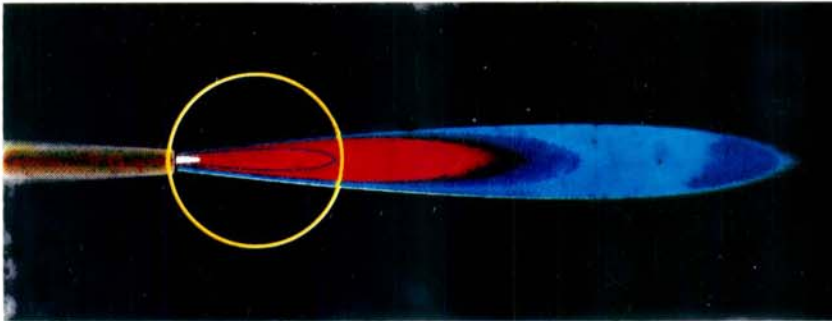


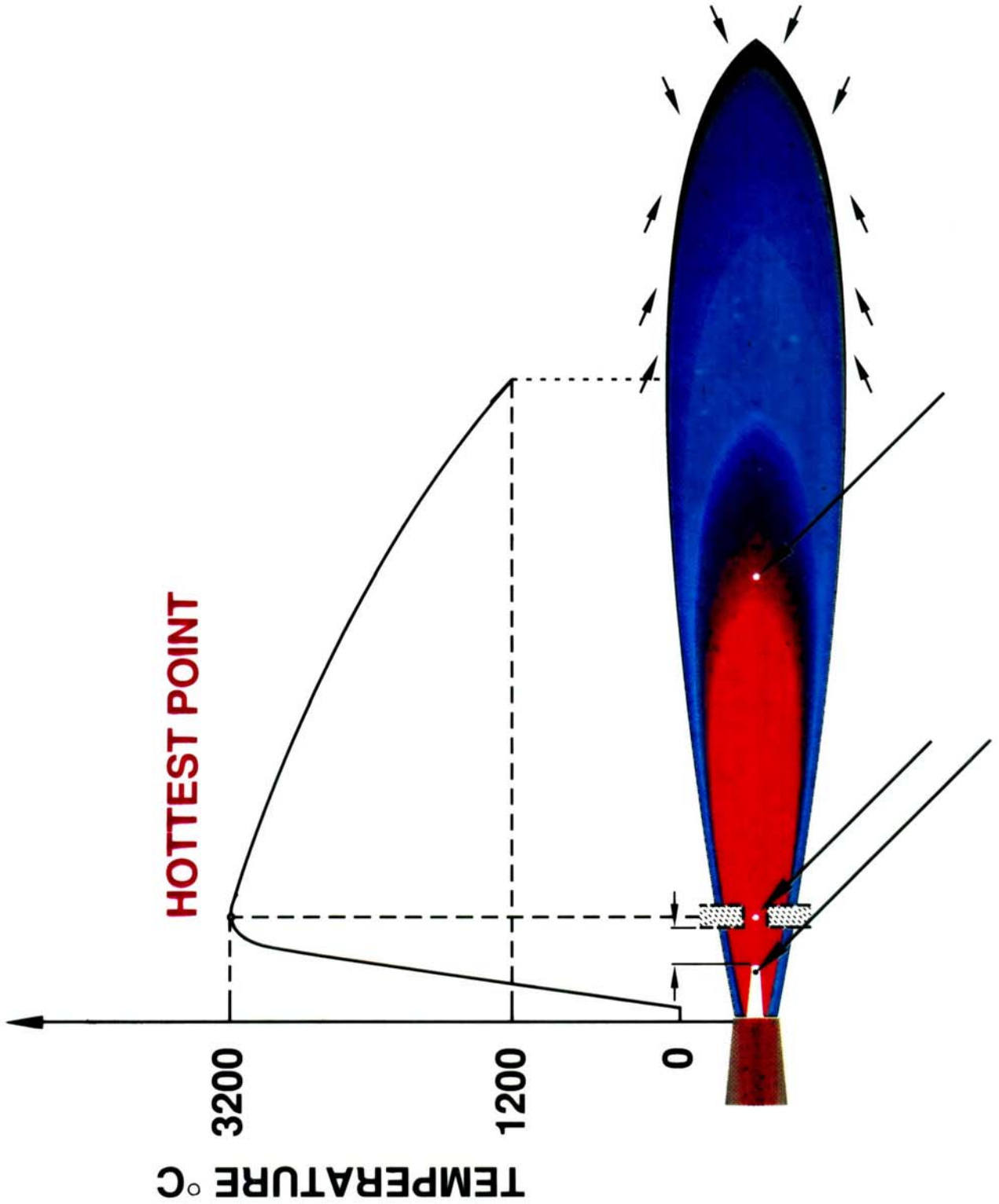


TYPES OF OXY-ACETYLENE FLAME



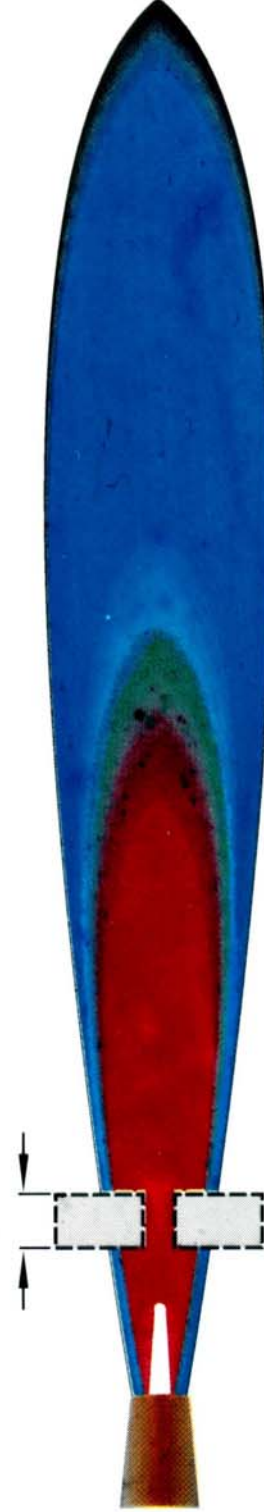
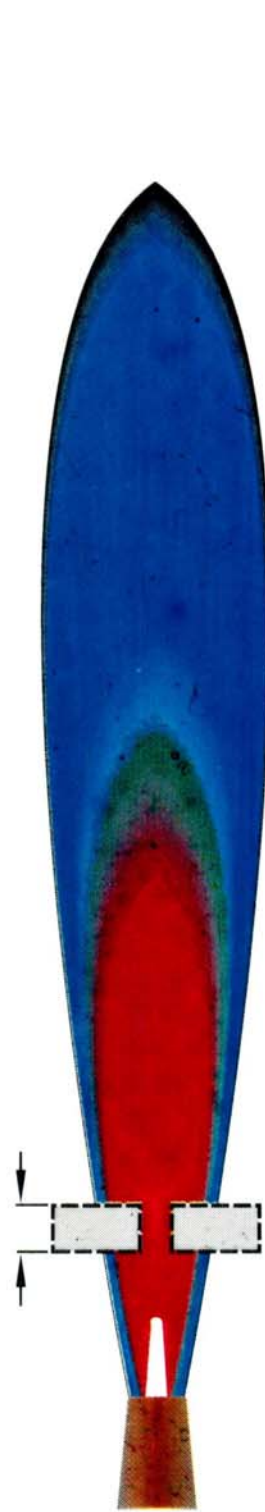


CHEMISTRY OF OXYGEN - ACETYLENE FLAME



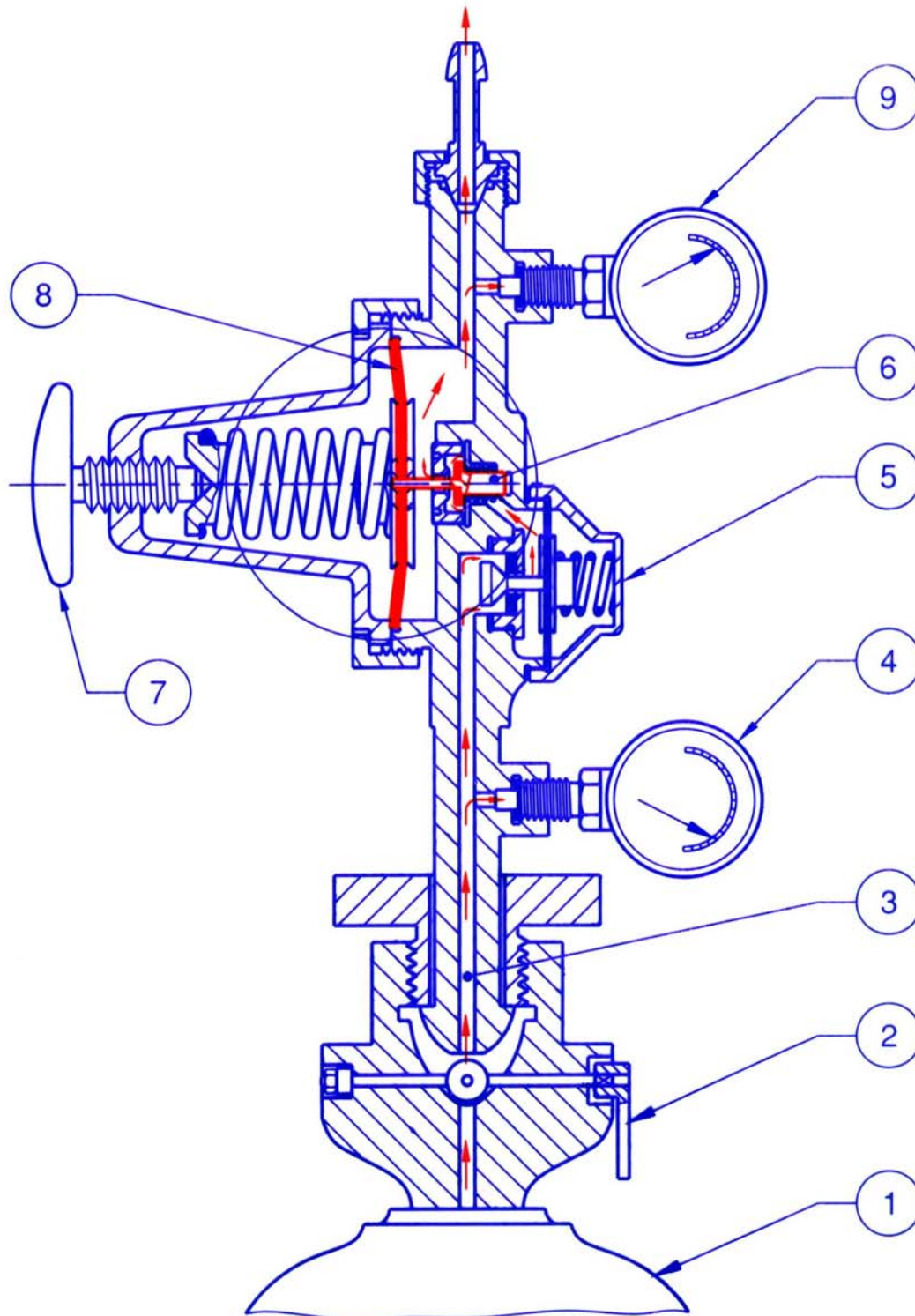


INFLUENCE OF DISCHARGE VELOCITY AND AMOUNT OF HEAT



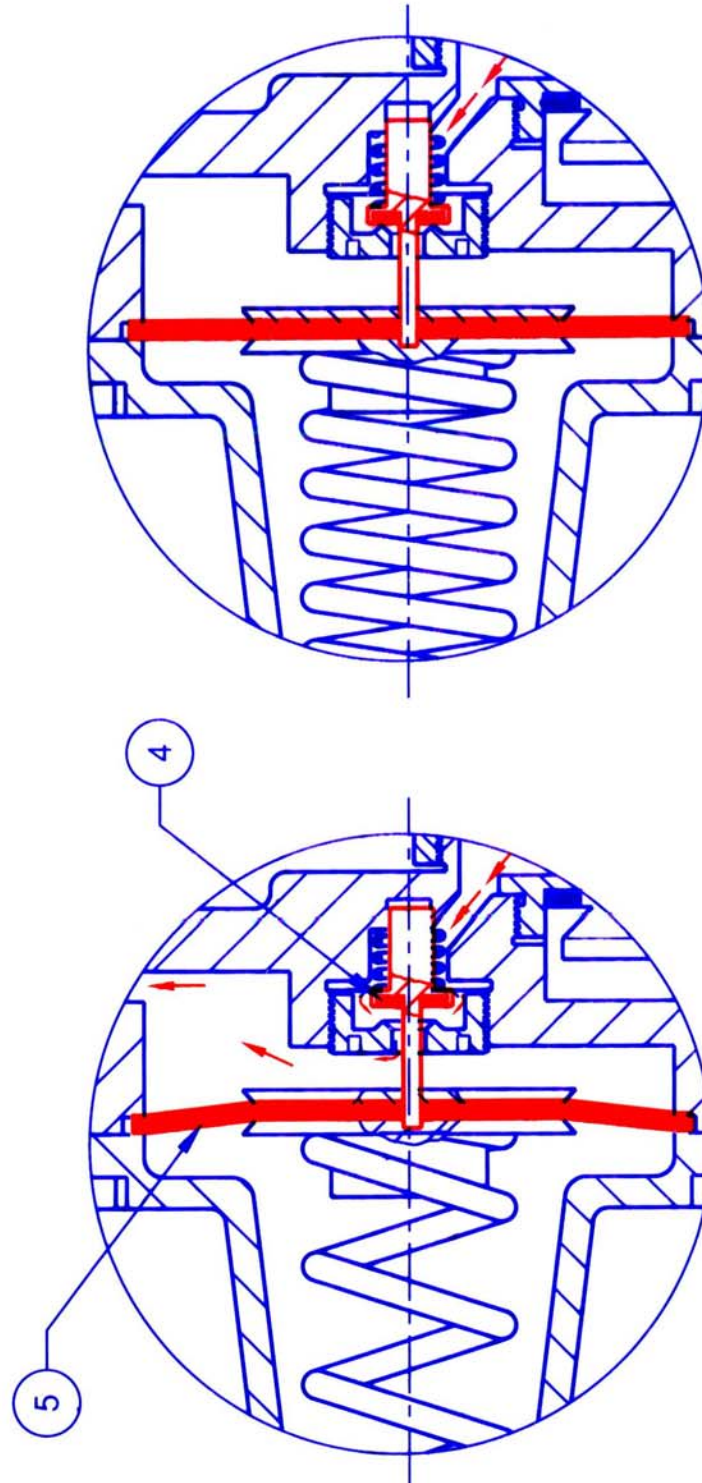


DOUBLE STAGE REGULATOR (FUNCTION)



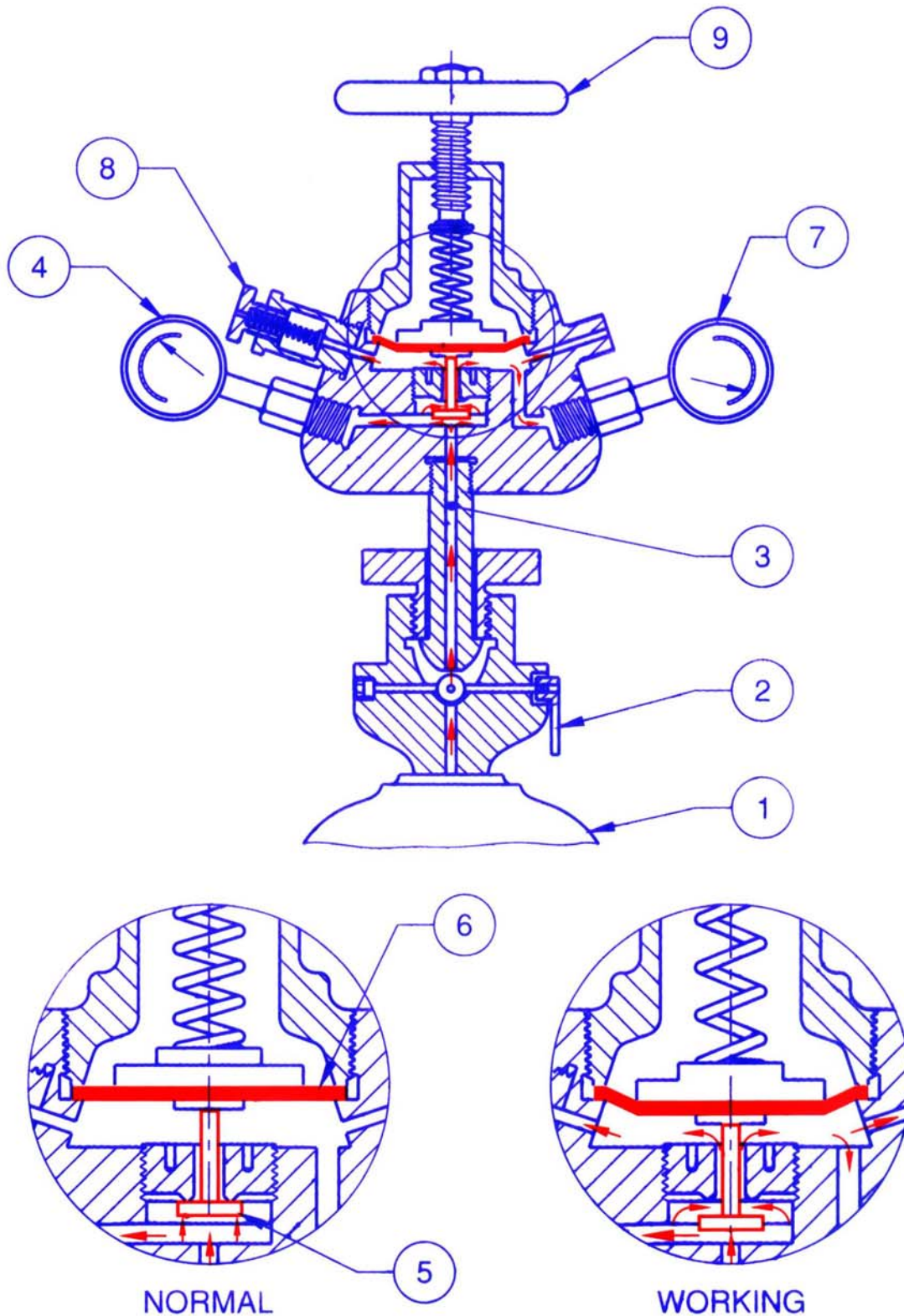


REGULATOR DIAPHRAGM (FUNCTION)

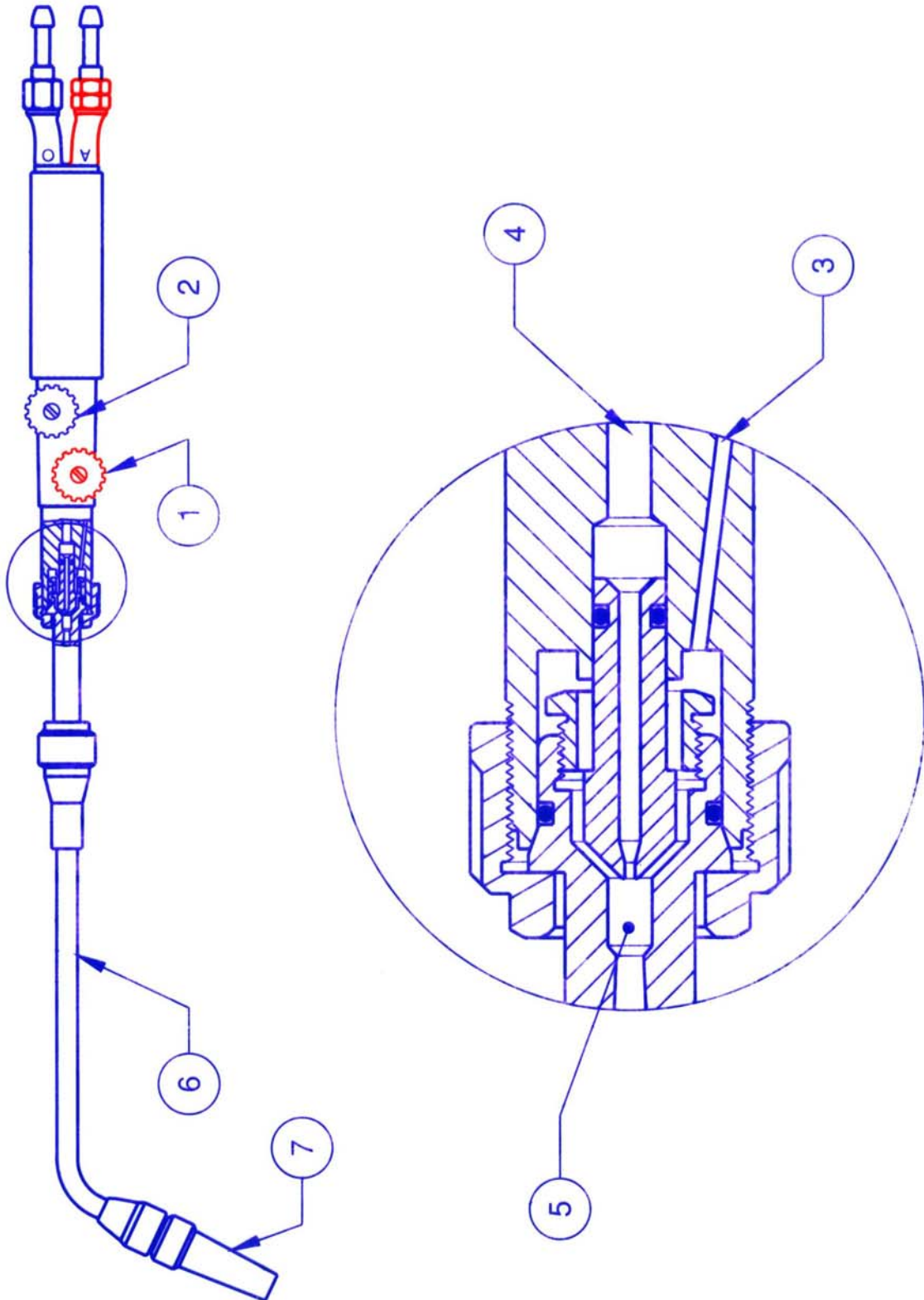




SINGLE STAGE REGULATOR (FUNCTION)

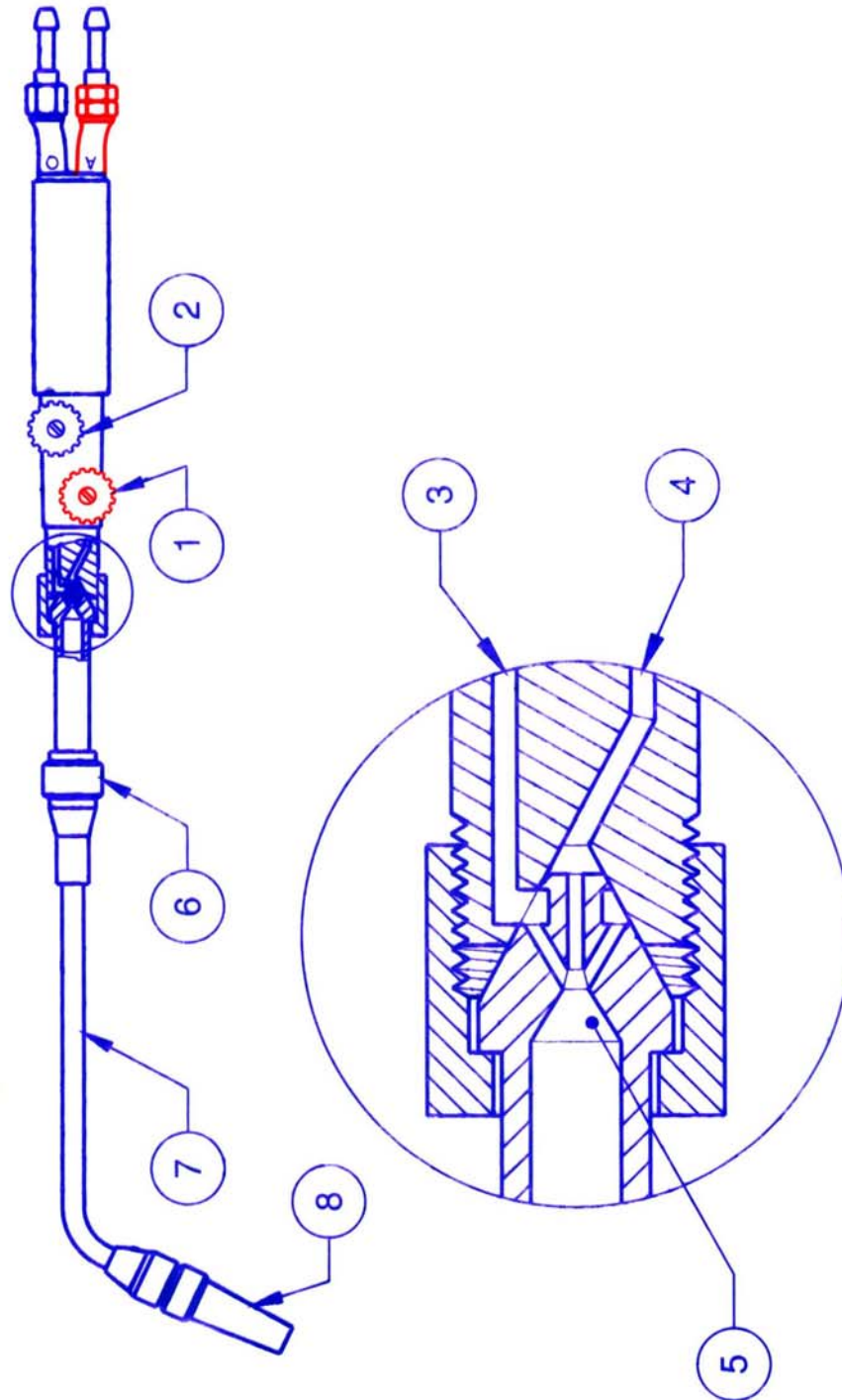


LOW PRESSURE BLOW PIPE (FUNCTION)



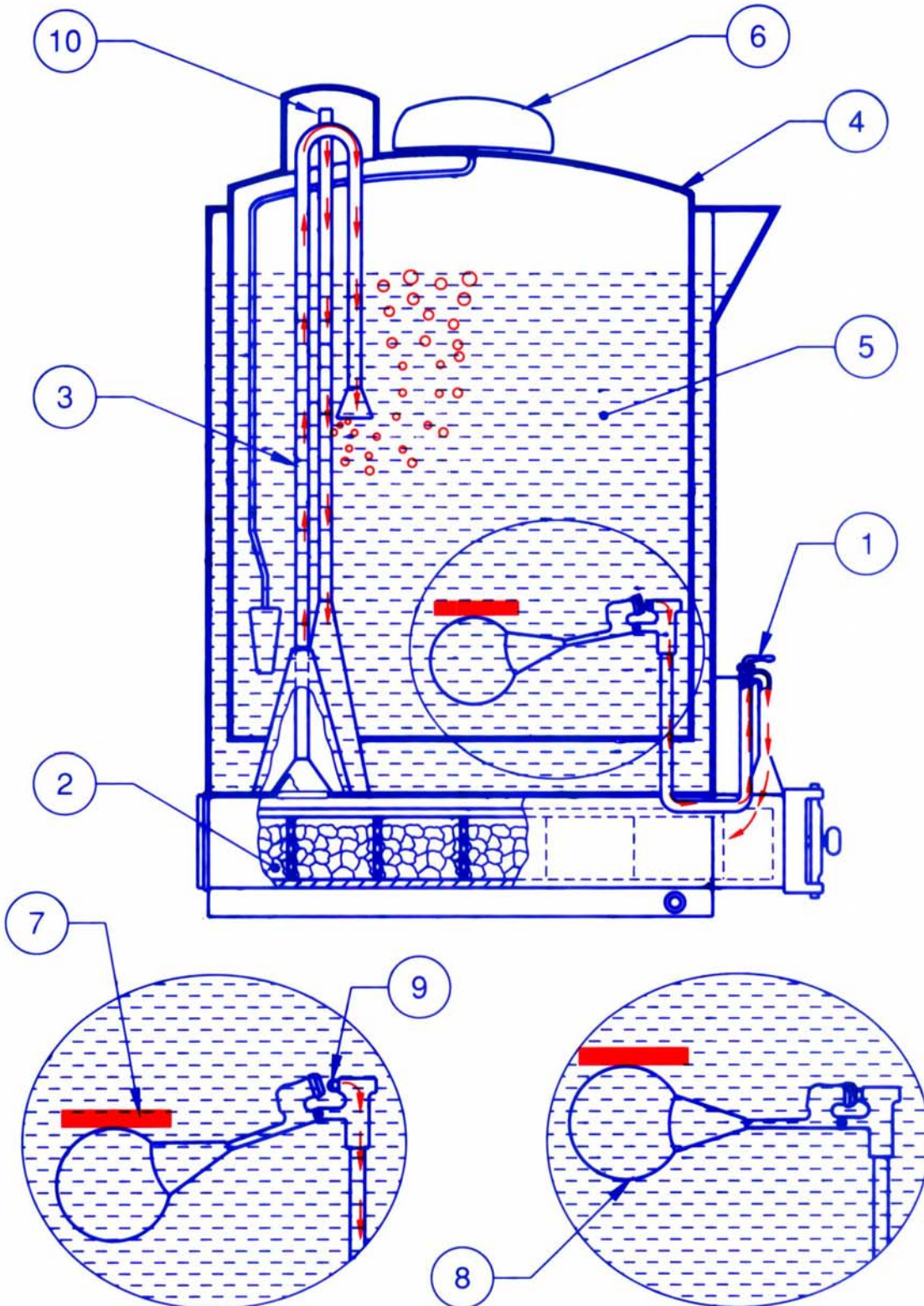


HIGH PRESSURE BLOW PIPE (FUNCTION)



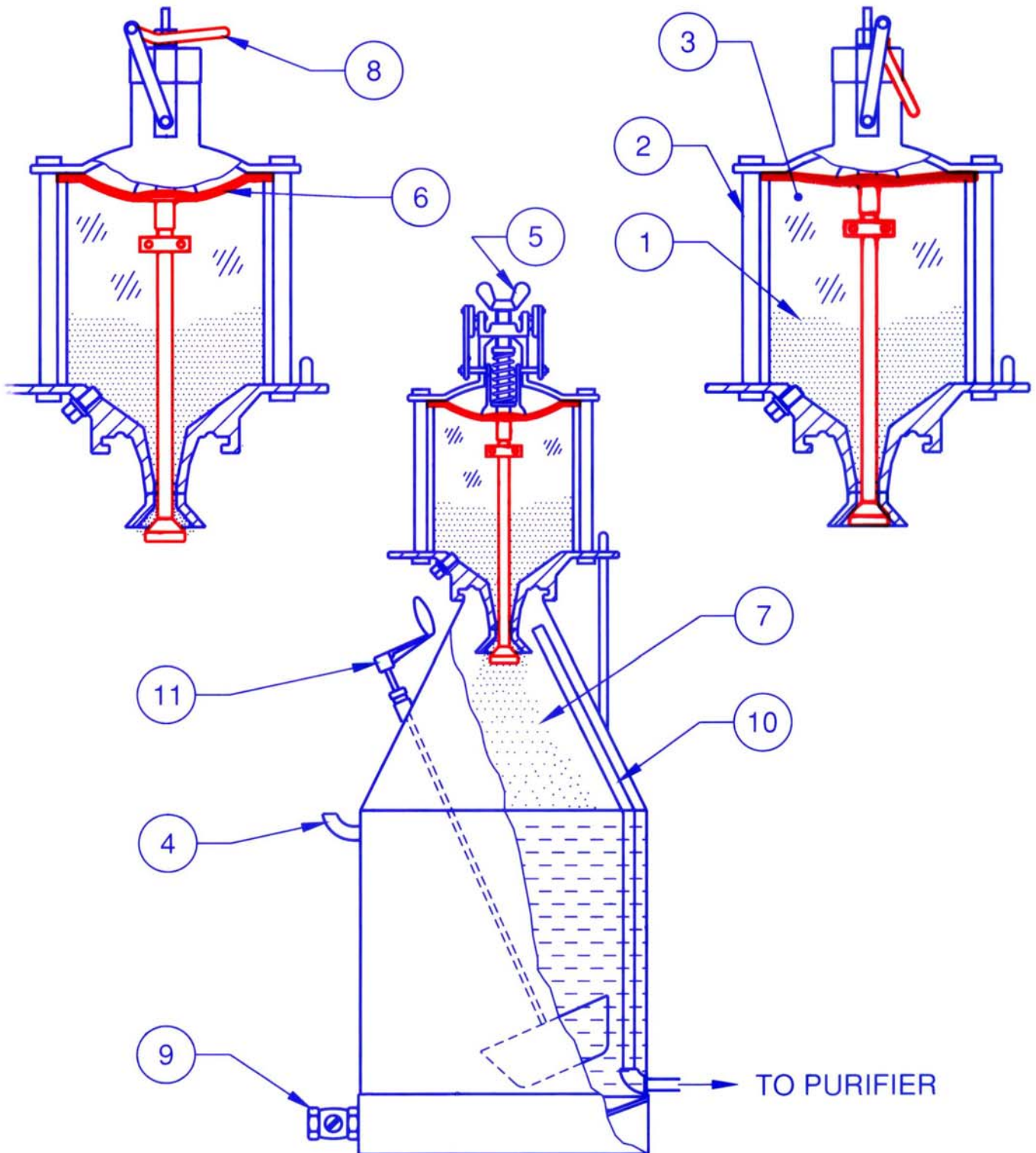


WATER TO CARBIDE GENERATOR (FUNCTION)



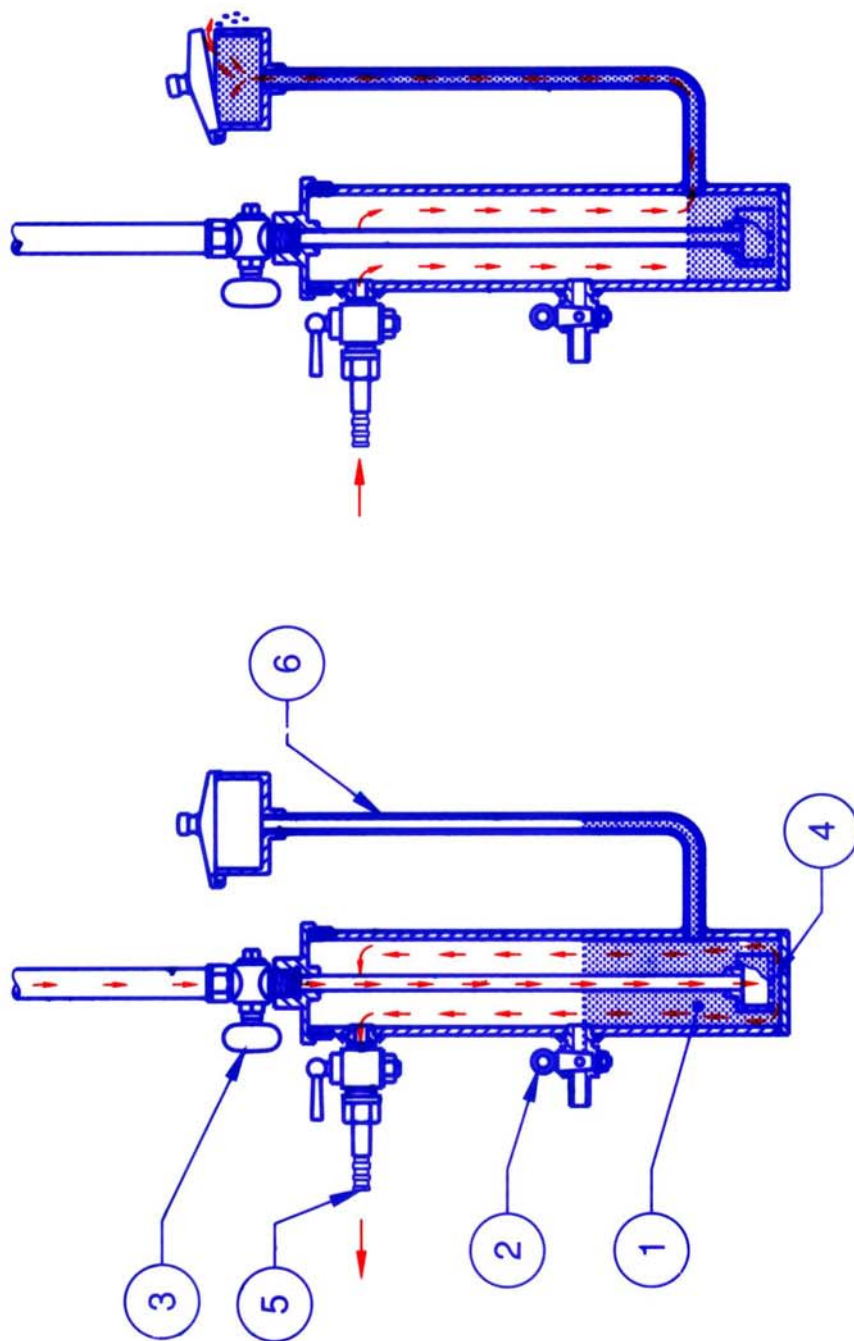


CARBIDE TO WATER GENERATOR (FUNCTION)



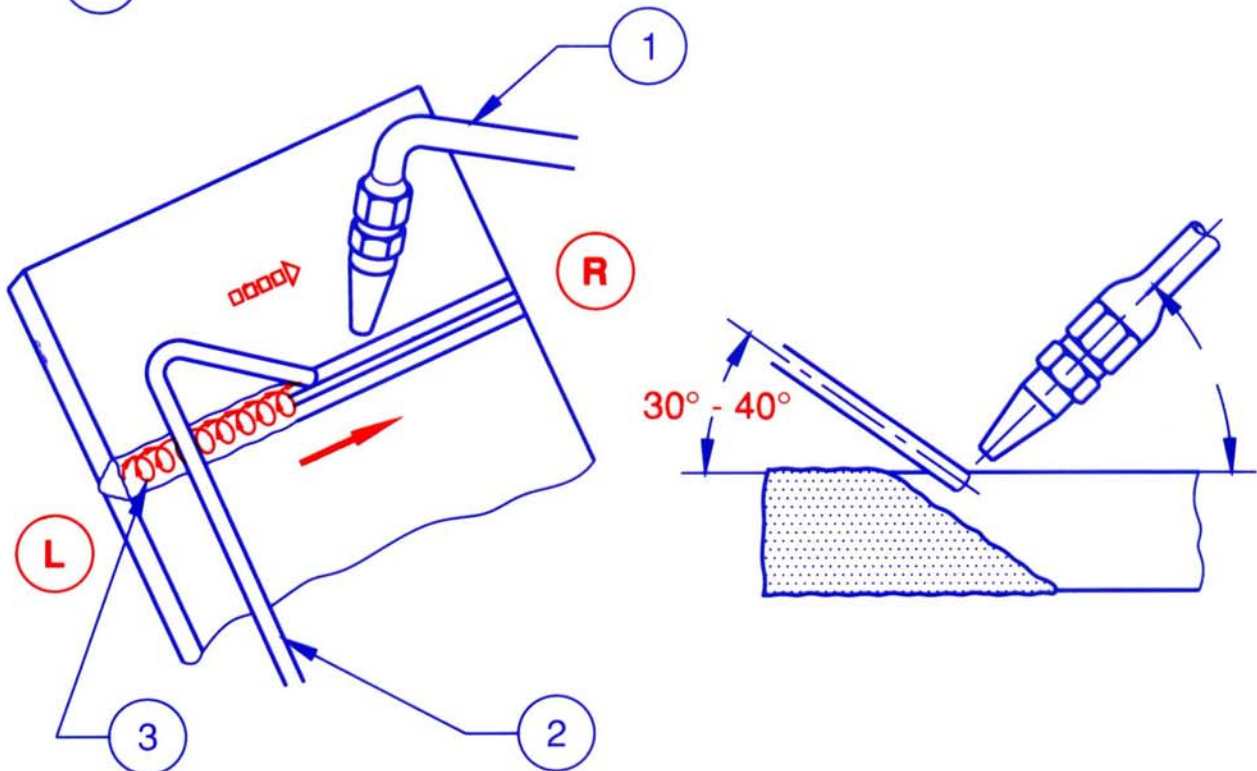
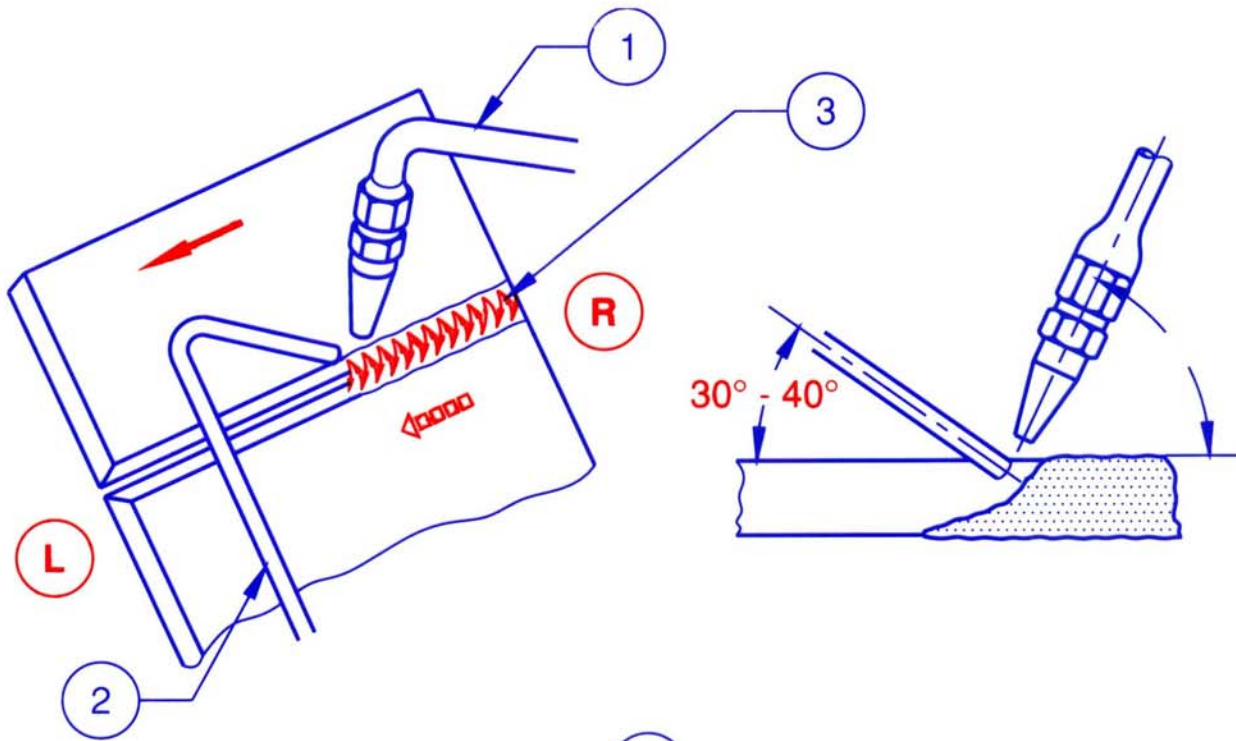


HYDRAULIC BACK PRESSURE VALVE (FUNCTION)





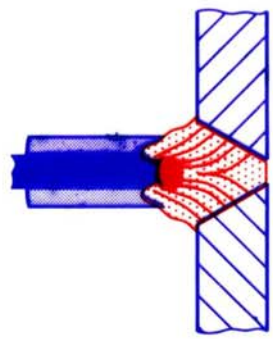
GAS WELDING TECHNIQUES





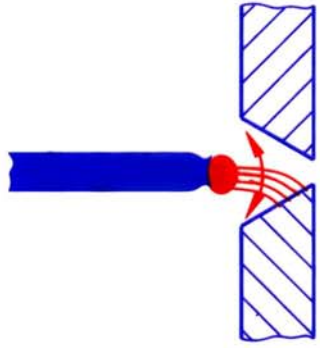
METALLIC ARC

ARC WITH COATED ELECTRODE

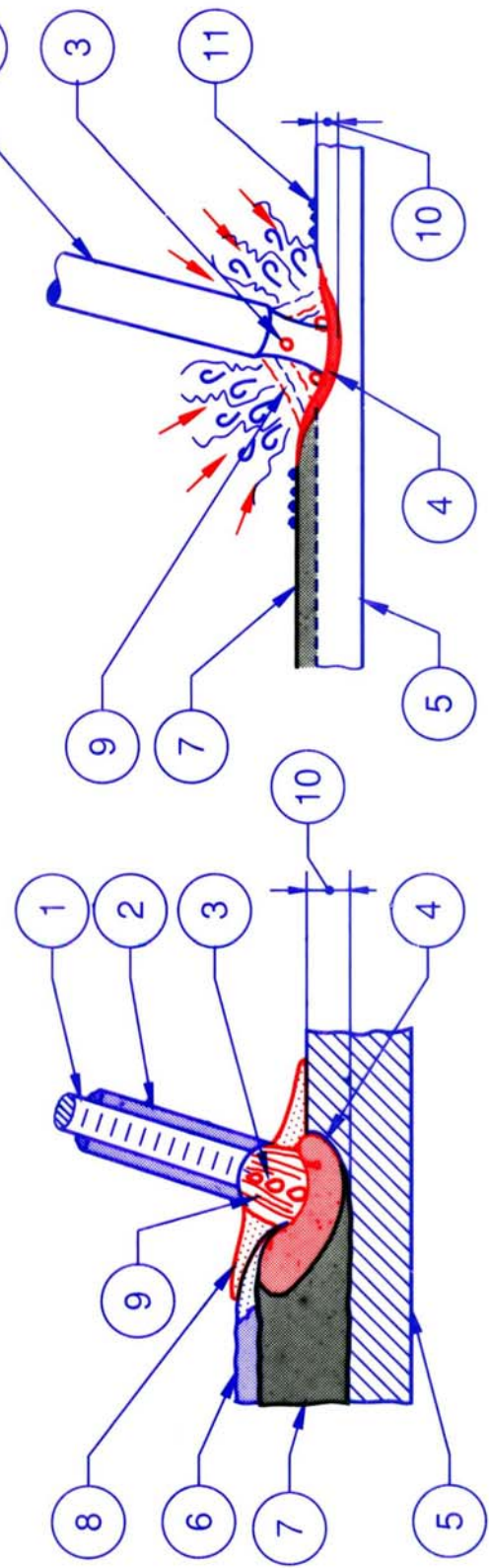


A

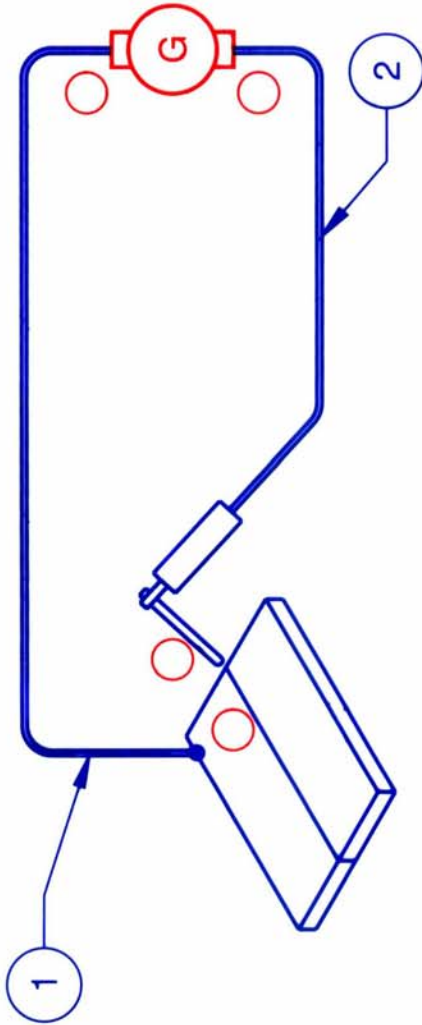
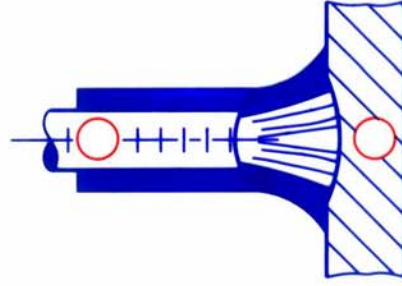
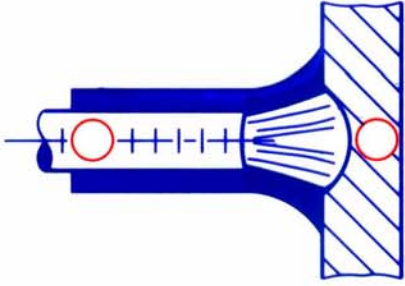
ARC WITH BARE ELECTRODE



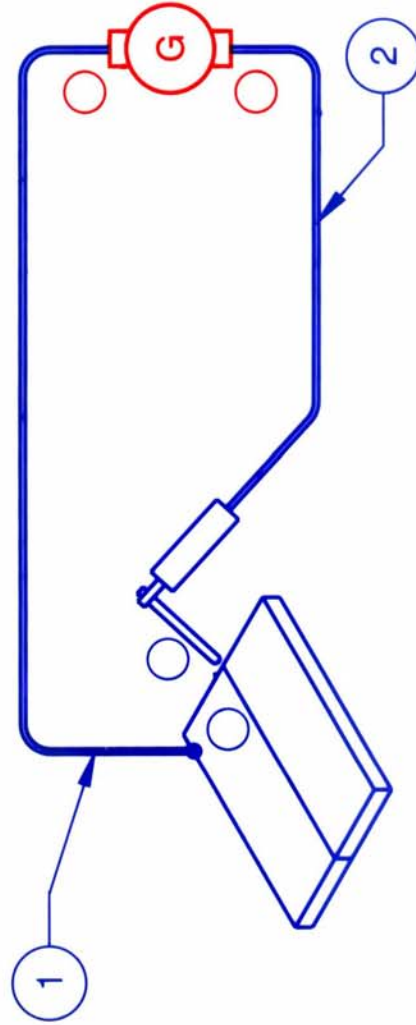
B



POLARITY AND ITS EFFECTS



STRAIGHT POLARITY

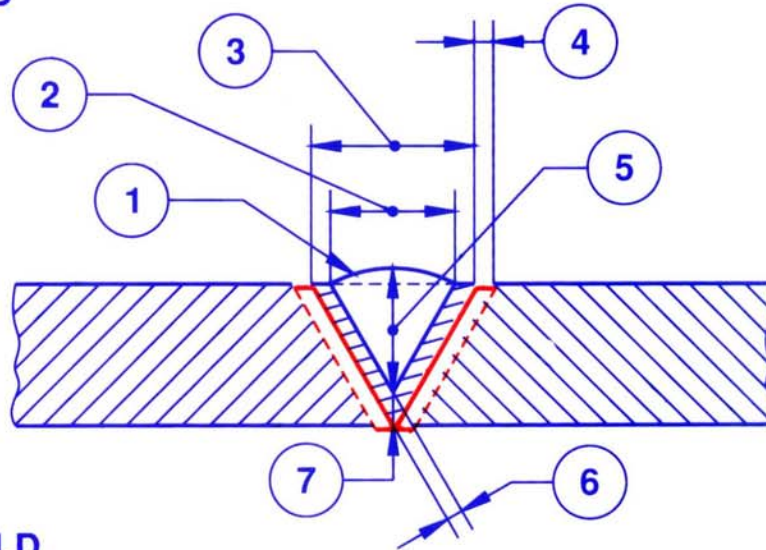


REVERSE POLARITY

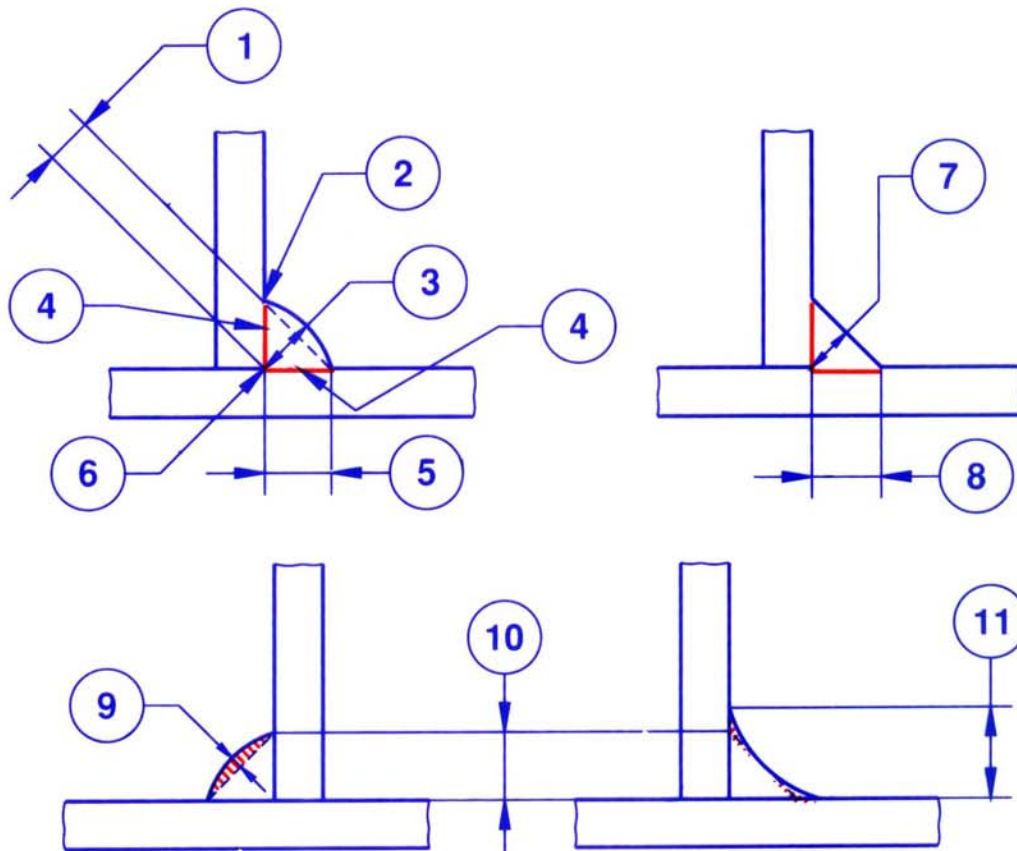


NOMENCLATURE OF WELDMENTS

BUTT WELD



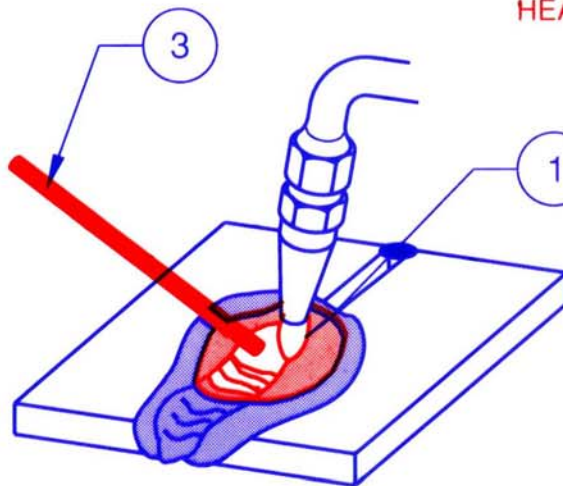
FILLET WELD



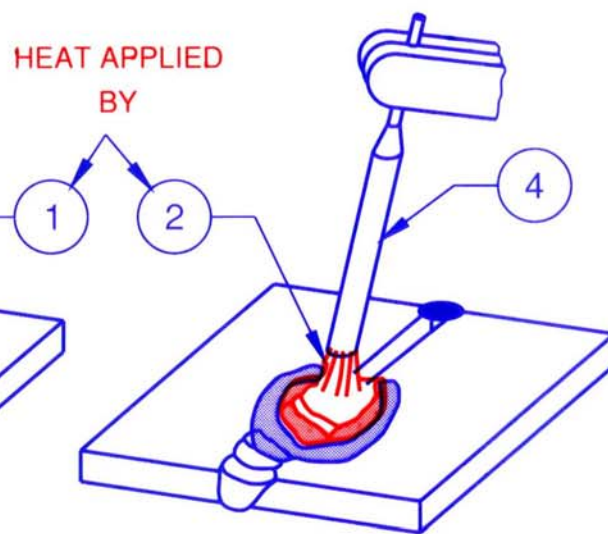


DIFFERENCE BETWEEN FUSION WELDING PROCESSES

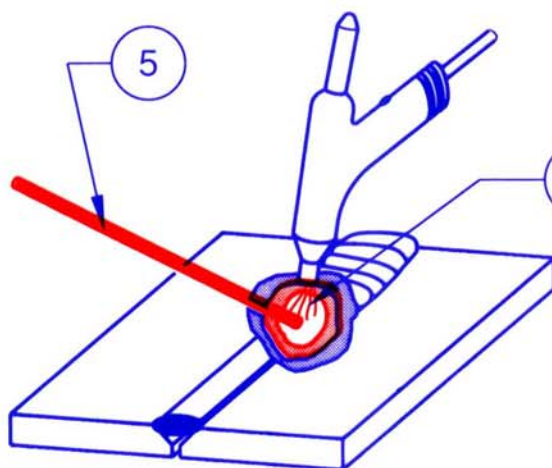
GAS WELDING



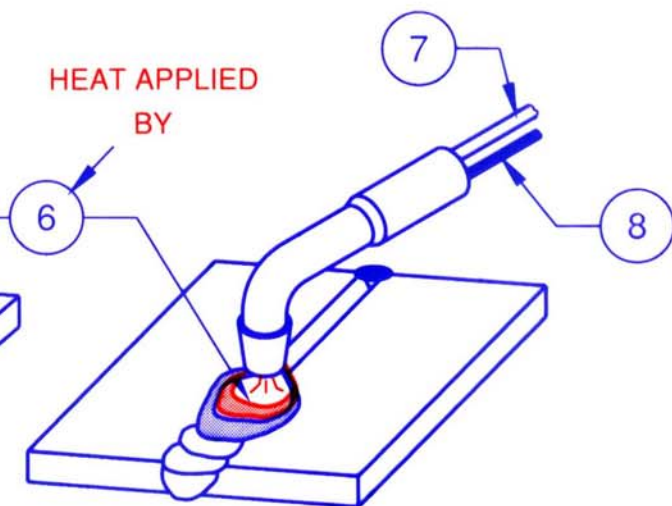
MANUAL ARC WELDING



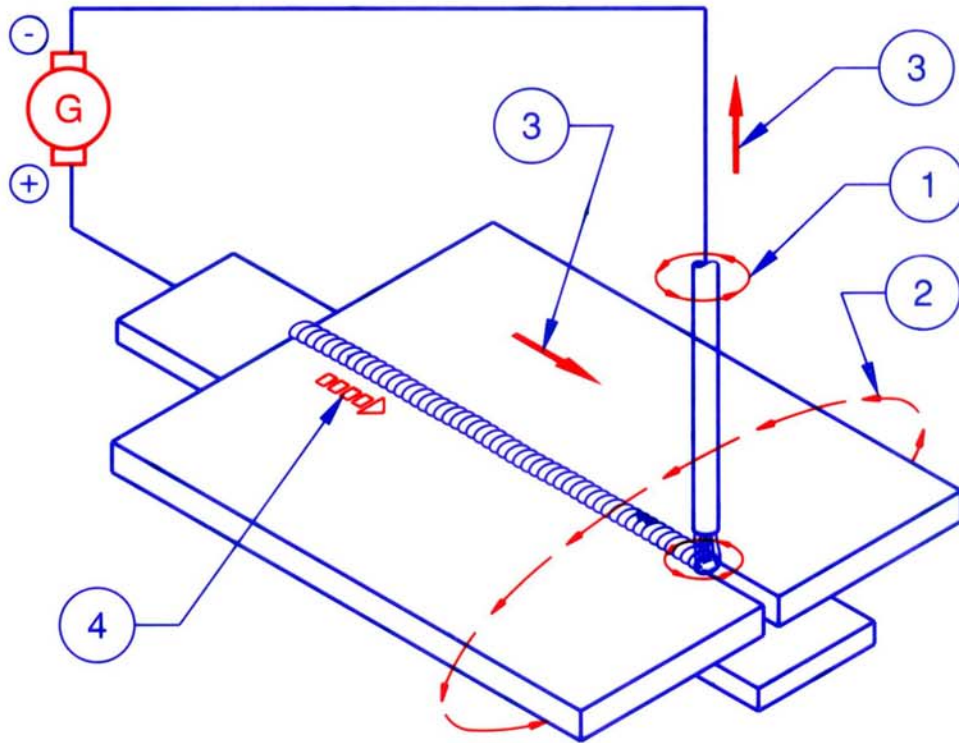
TUNGSTEN INERT GAS WELDING



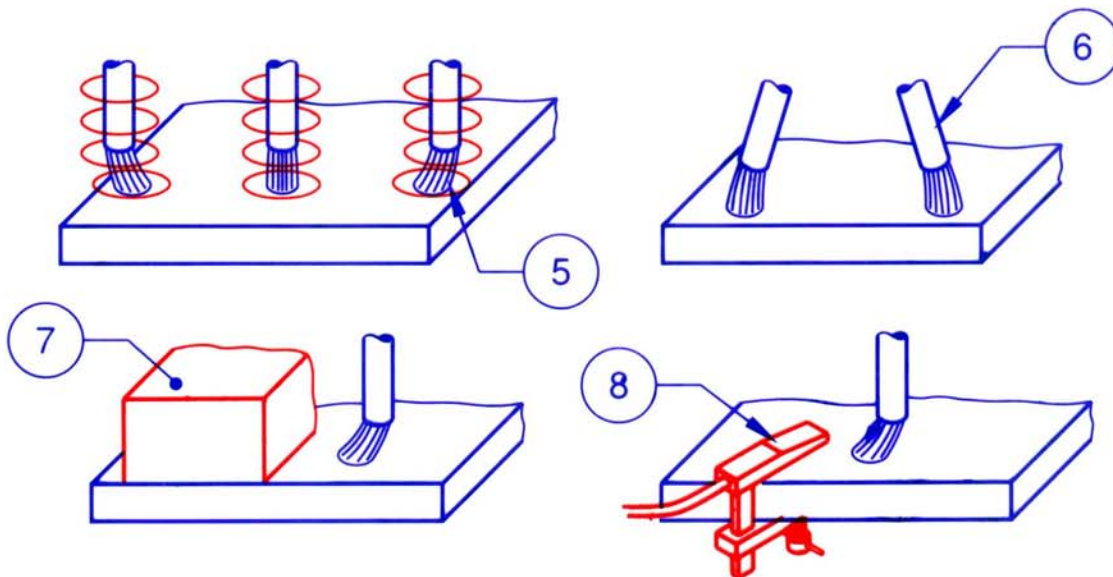
METAL INERT GAS WELDING



ARC BLOW AND ITS EFFECTS

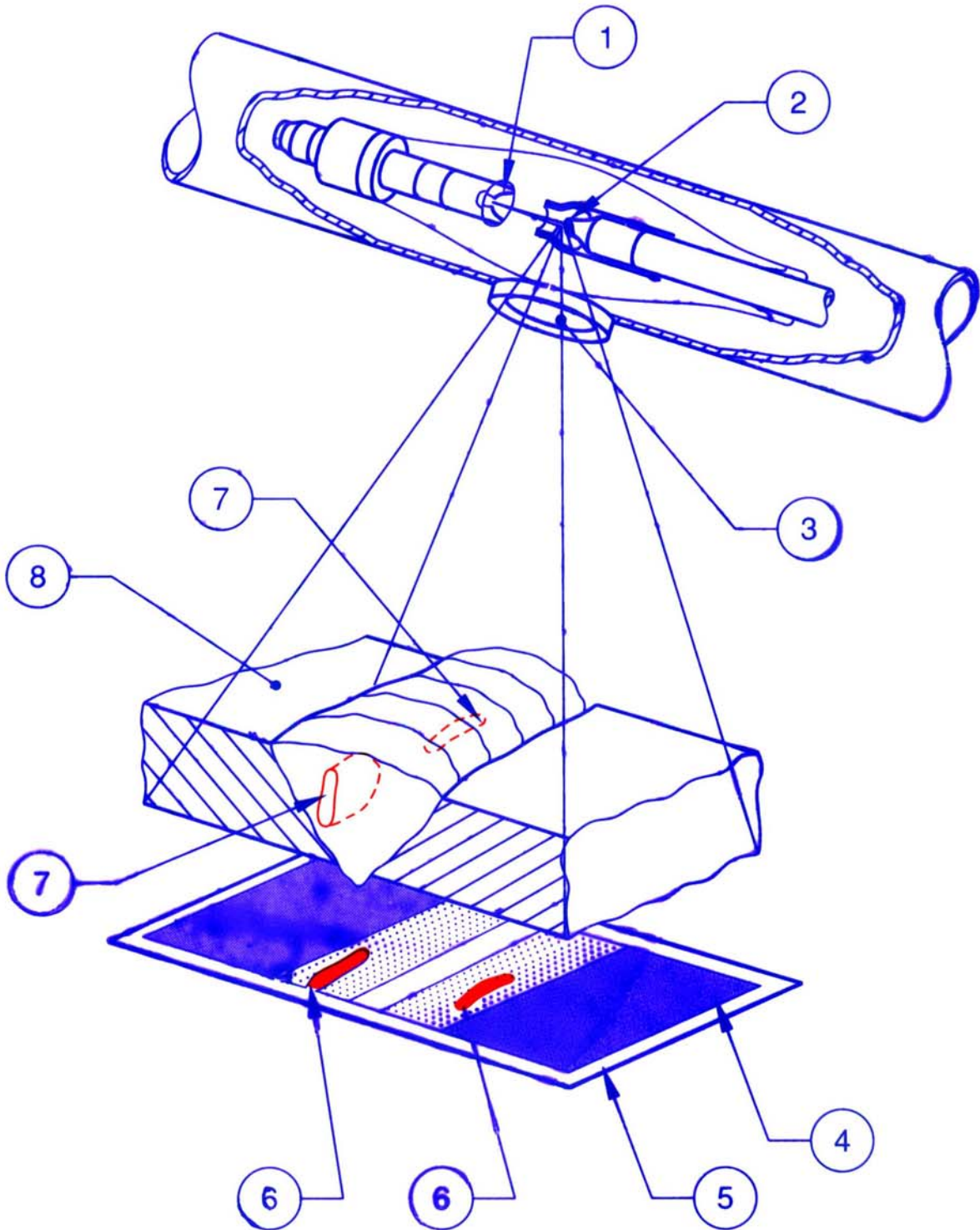


COMMON REASONS FOR THE ARC BLOW EFFECTS IN PARTICULAR WHEN USING DIRECT CURRENT



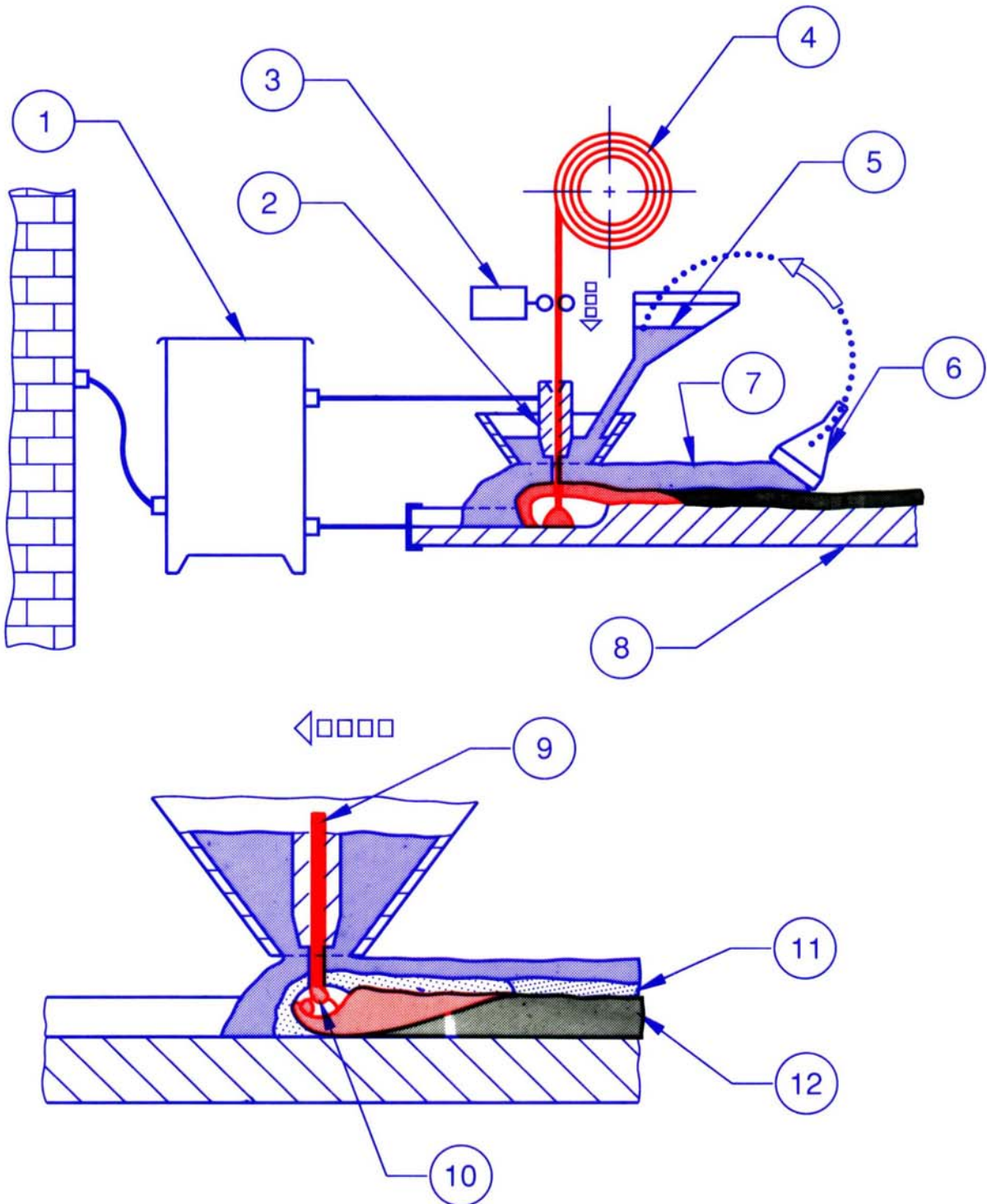


RADIOGRAPHY TEST



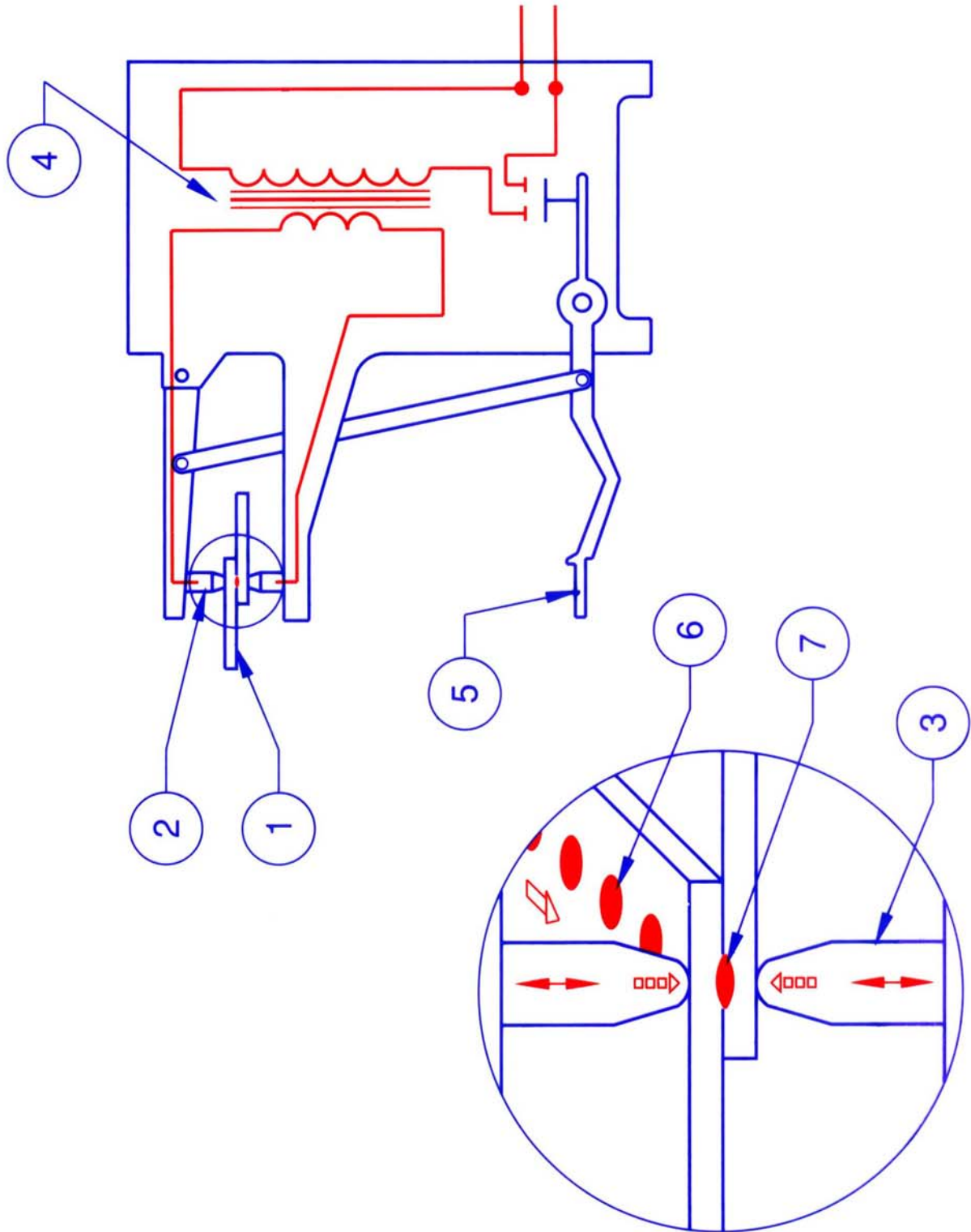


AUTOMATIC SUBMERGED ARC WELDING



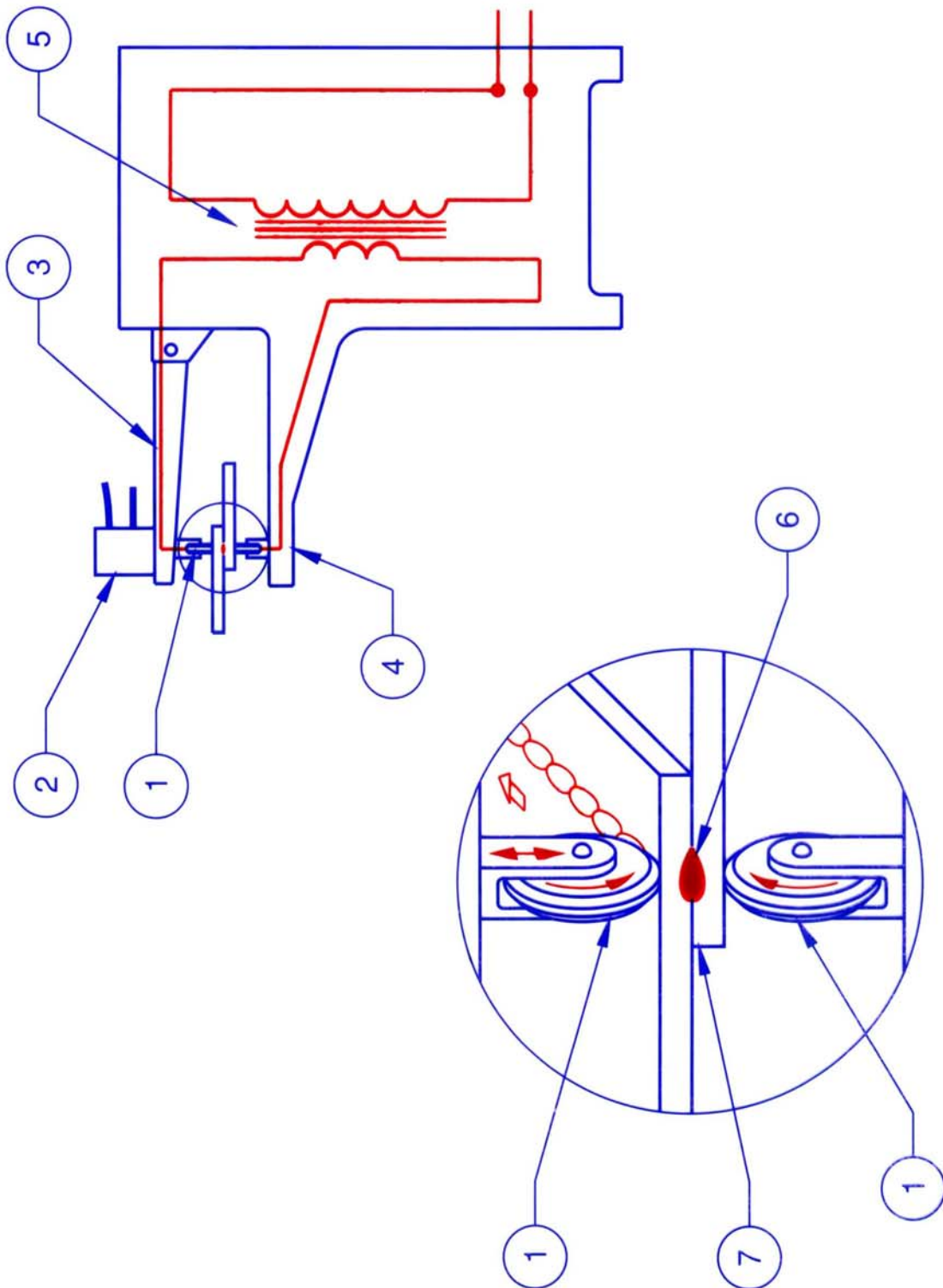


SPOT WELDING

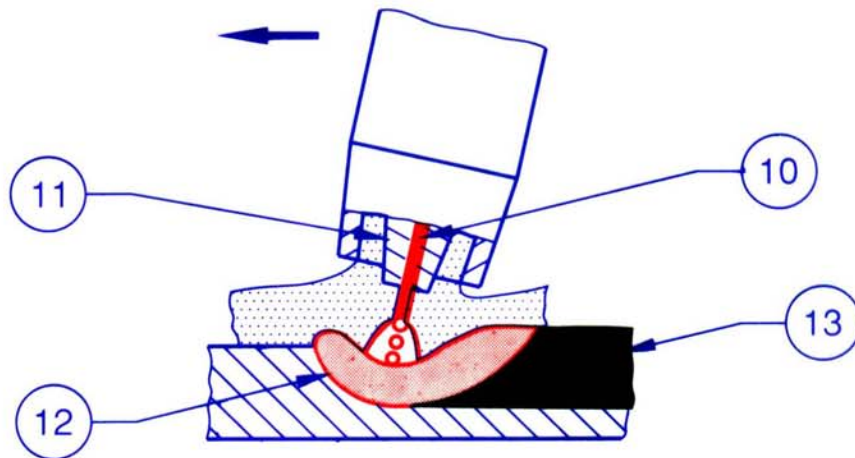
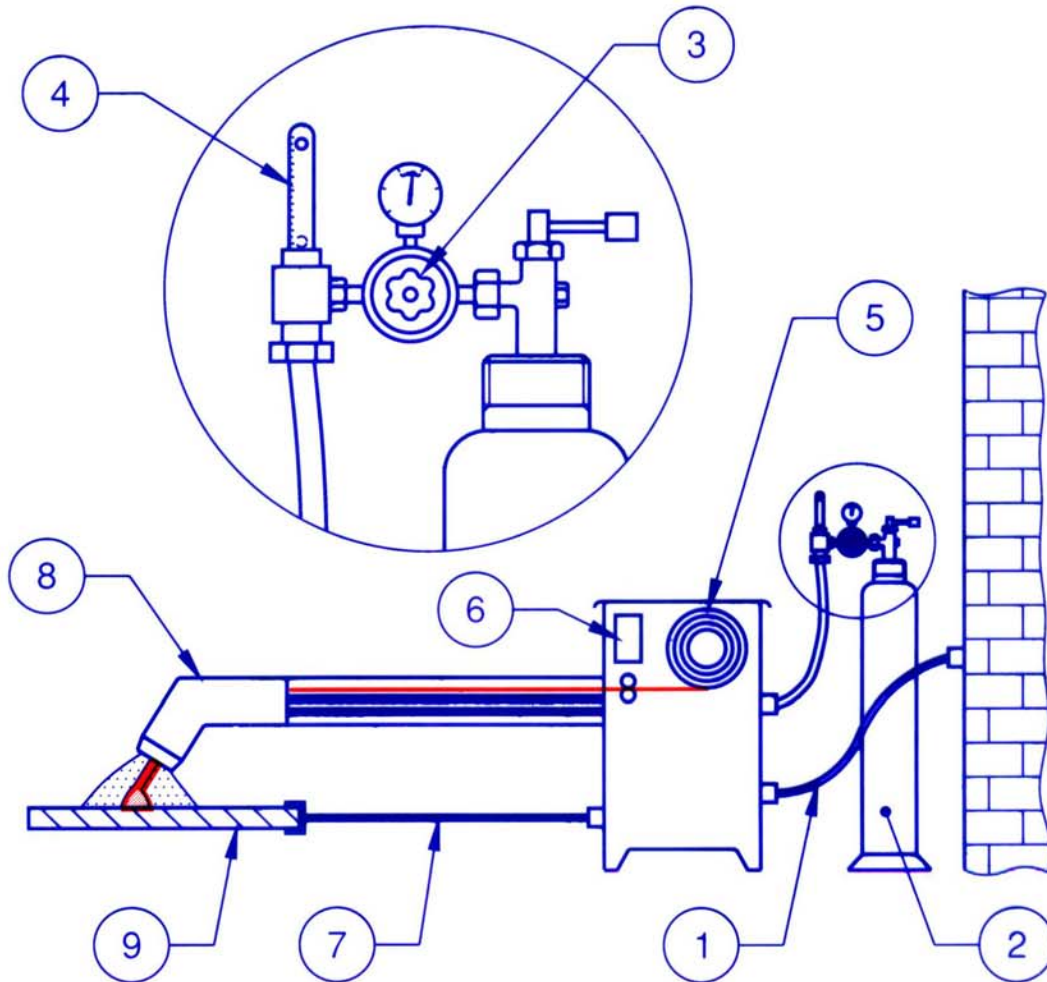




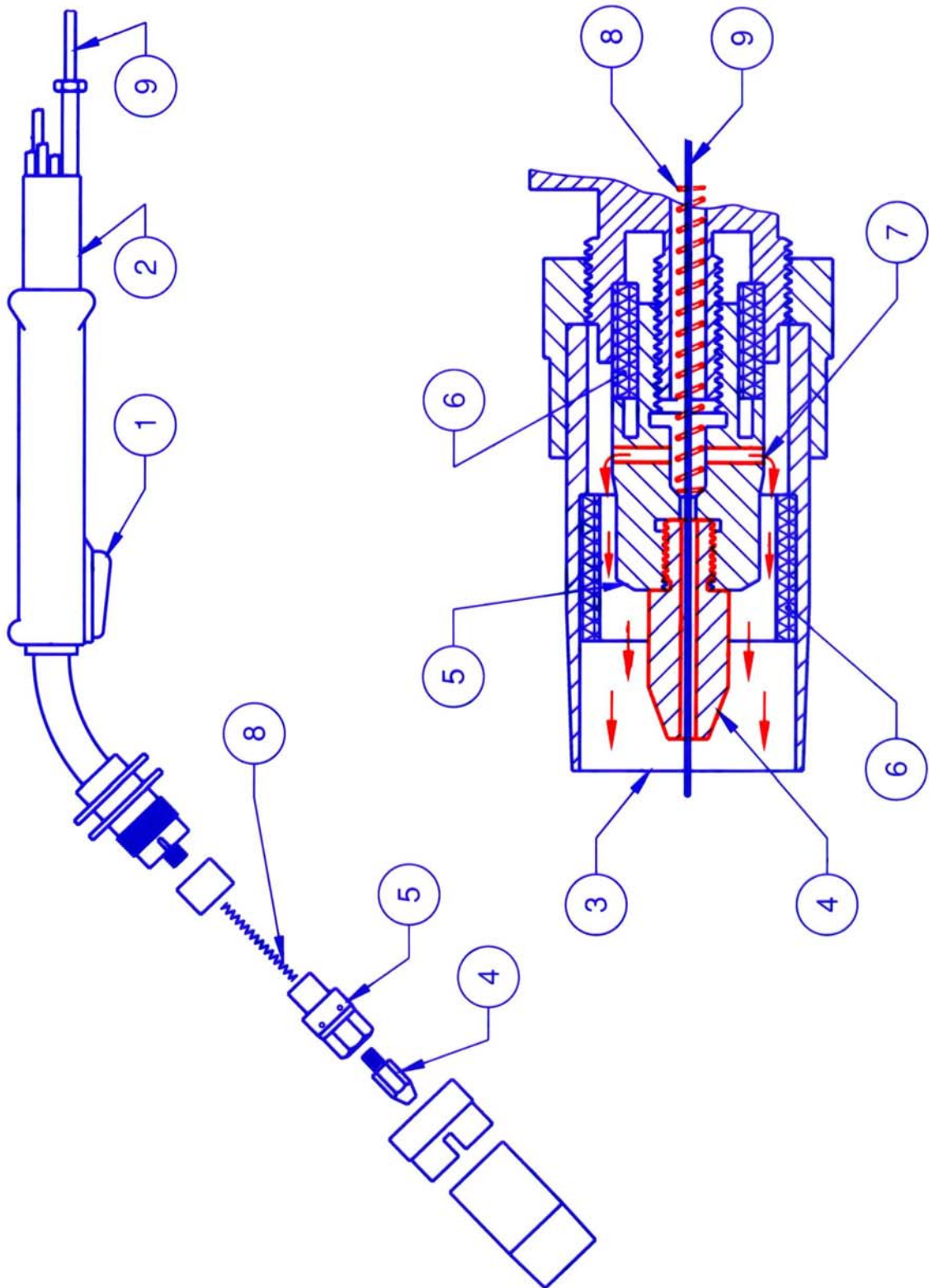
SEAM WELDING



METAL INERT GAS (MIG) WELDING

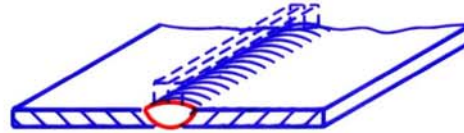


METAL INERT GAS WELDING (MIG) TORCH

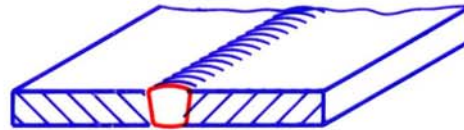


WELDING SYMBOLS

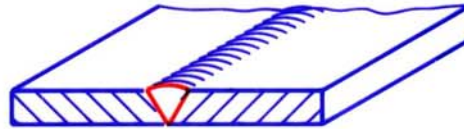
Butt weld between plates
with raised edges (the
raised edges being
melted down completely)



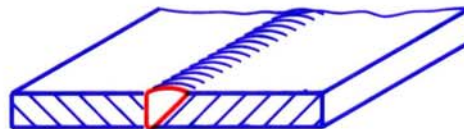
Square butt weld



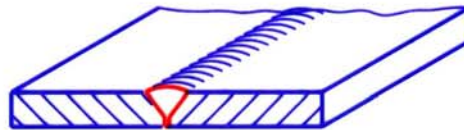
Single V butt weld



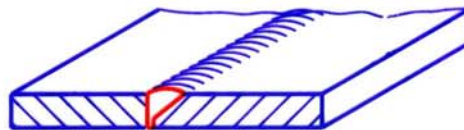
Single bevel butt weld



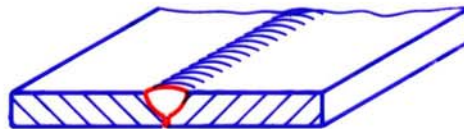
Single V butt weld with
broad root face



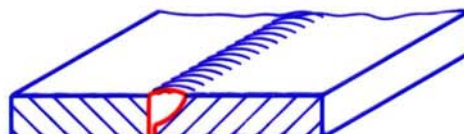
Single bevel butt weld
with broad root face



Single U butt weld
(parallel or sloping sides)



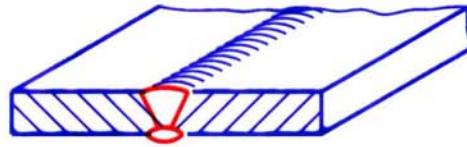
Single J butt weld



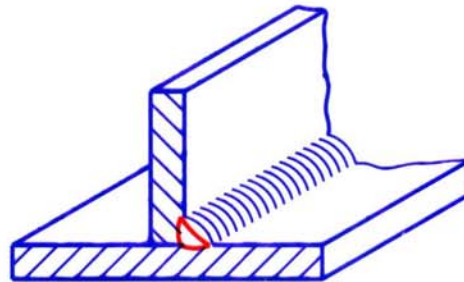


WELDING SYMBOLS

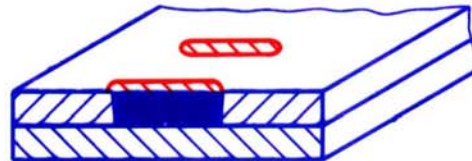
Backing run ; back or
backing weld



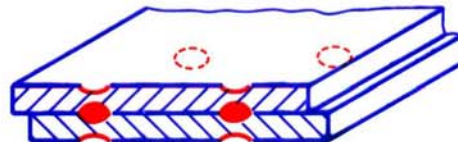
Fillet weld



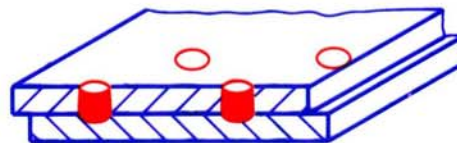
Plug weld ; plug or slot
weld /USA



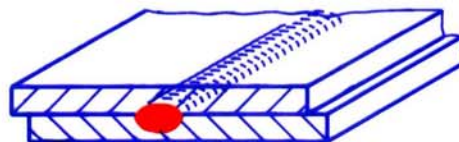
Spot welding



Spot welding



Seam welding



Seam welding

