PATENT PENDING

THE PERFECT FLAME

FOR FEWER JOINT FAILURES

Harris
A LINCOLN ELECTRIC COMPANY

www.harrisproductsgroup.com

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WHAT THE PERFECT FLAME CAN DO FOR YOU

PATENT PENDING

CREATE THE PERFECT FLAME FOR BRAZING:

This system of flame control is a method of creating the perfect oxy-fuel flame. Our unique gas control system captures difficult to control variables and allows the user to analyze and adjust the flame for maximum performance . It was specifically developed as a practical, efficient, safe and sure method of controlling the oxy-fuel flame in production brazing for the HVAC industry. The end result is better process control with fewer braze joint failures.

REDUCE THE OPERATOR TRAINING NEEDED TO SET A PERFECT FLAME:

Prior to the Perfect Flame, no amount of training, no matter how extensive, could guarantee the ideal flame setting each and every time the torch was lighted. The Perfect Flame dramatically reduces the time needed for operator training on flame settings. In addition, once the ideal brazing flame is determined and set, it can be locked in so there is no need for operator readjustment.

QUANTIFY THE VARIABLES THAT MAKE UP A PERFECT BRAZING FLAME:

Currently, efforts to train operators, set standards and measure flame energy output and efficiency are not very successful because the variables are not measured or controlled. Even with the best efforts, supervision must still rely on the individual operator's sense of sight and sound to set the proper flame. With the Perfect Flame System, the optimum flame for each individual process can be quantified, recorded and reproduced for other processes with little operator input or training.

MAKE IT POSSIBLE TO RECORD AND/OR SHARE A PERFECT FLAME WITH OTHER LOCATIONS:

Because it creates and uses specific quantitative data it can not only reproduce the same results each and every time the flame is ignited, it can also be recorded for future use and or reproduced at other locations.

FUEL

OXYG

ASK FOR A DEMONSTRATION AND SEE THE PERFECT FLAME FOR YOURSELF.