



PFG FOOTPRINTS

PFG FOOTPRINTS Newsletter November 2016 contains recently completed two KAIZEN activities. First is To Increase O2 Probe Sensing Capability on CGC Furnace and Second is To Supply Billets from IBH to Forging Press Under Controlled Temperature.

Increase O2 Probe Sensing Capability on CGC Furnace.

Recent activity to **Increase O2 Probe Sensing Capability and Dedicated Supply of Air Provide to O2 Probe has been Completed on CGC Furnace.** Previously on CGC furnace, this type of provision was not available. Due to this no fresh air and dedicated supply of air was passing through the furnace, which resulted in dust and un-cleaned air supply.

PFG KAIZEN team had brain storming sessions for few days and came up with an idea of introducing controlled air supply to O2 probe. Due to this type of one time investment PFG has **reduced the maintenance cost drastically and avoided frequent cleaning of O2 probe.**

Additionally benefits are as below:

1. Improved Furnace Efficiency.
2. Environment Friendly.
3. Cost Effective.
4. Targeted Cleaning.
5. Safe operation and economical.



Supply Billets from IBH to Forging Press Under Controlled Temperature.

Our one more addition in KAIZEN activity is, supply of billets from IBH to forging press under controlled temperature. This system is added in forging press area **to avoid mix-up issues and reduce rejection of billets.**

Previously due to mislaid of this system, billets were overheated and there was no control on temperature. To avoid this type of problem, billets are supplied through controlled temperature system, which helps to measure individual billet temperature and **interlock rejected parts dropped in rejection bin.**

Additionally benefits are as below:

1. Improved Efficiency.
2. Zero Rejection.
3. Greater Labor Productivity.
4. Shorter lead Time



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