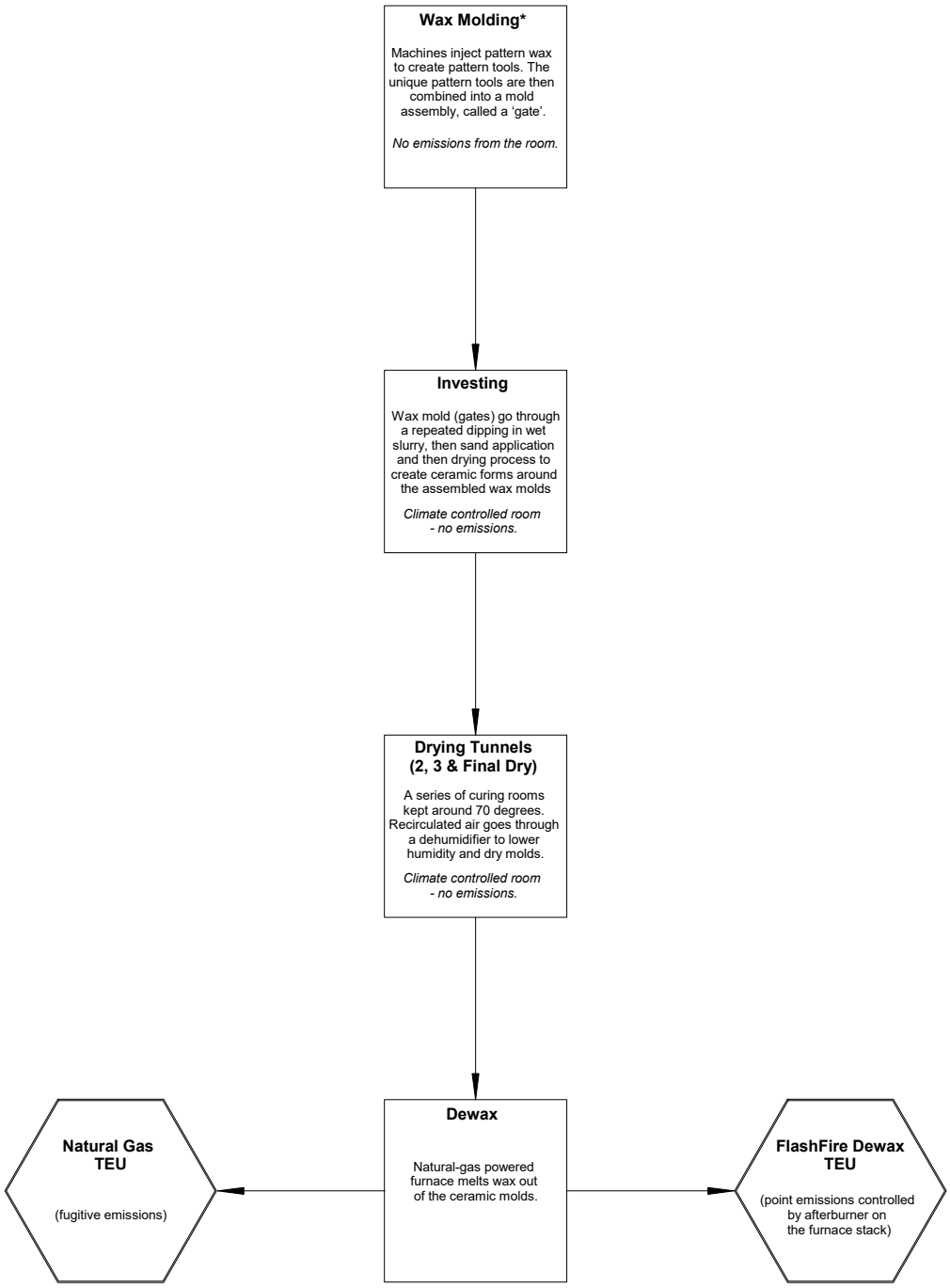
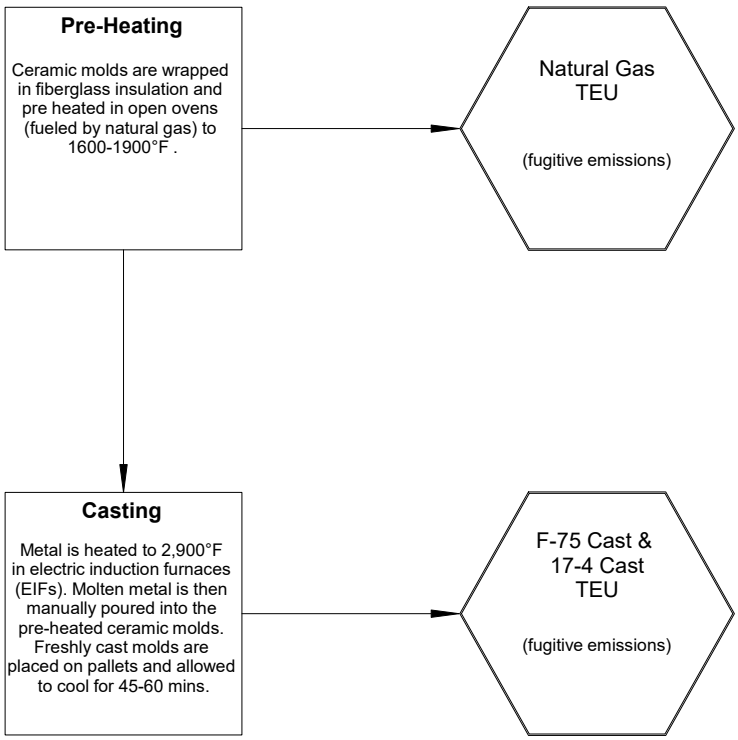
Wax Process Flow

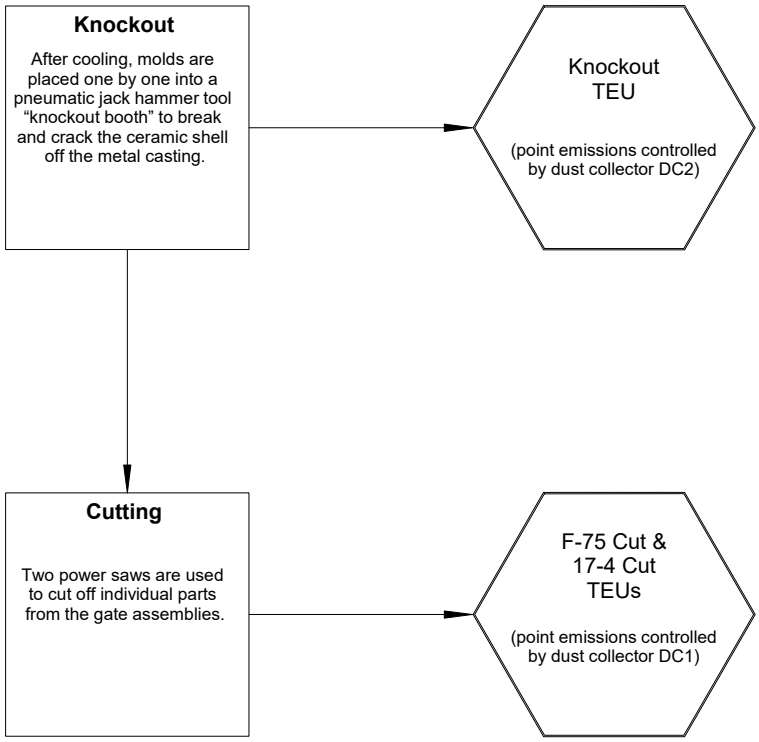


*Note that any general cleaning activities with acetone or isopropyl alcohol (IPA) in this room is still conservatively included as fugitive emissions in the material balance (MB) portion of AQ520 as their use was considered facility wide.

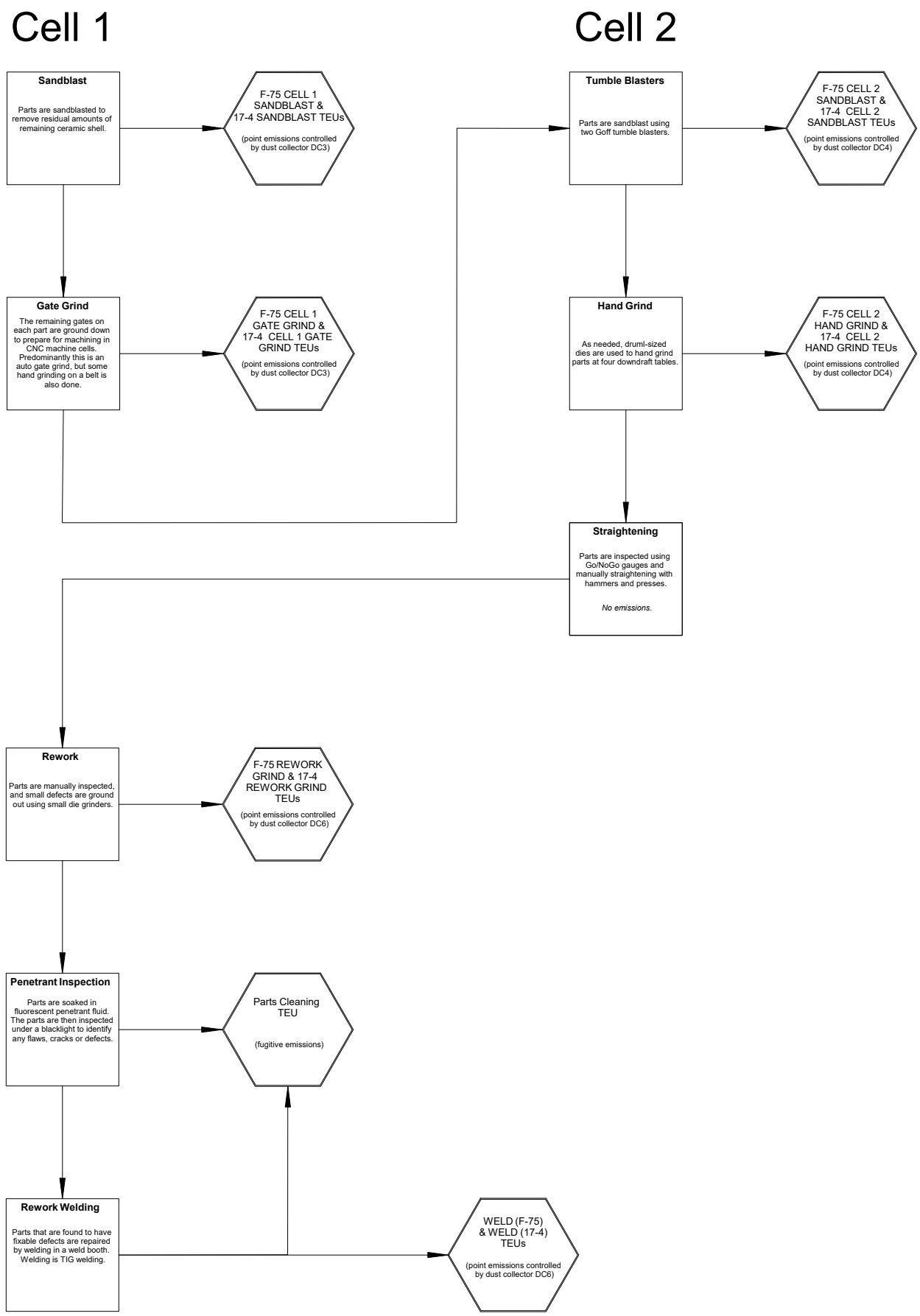
Casting Process Flow



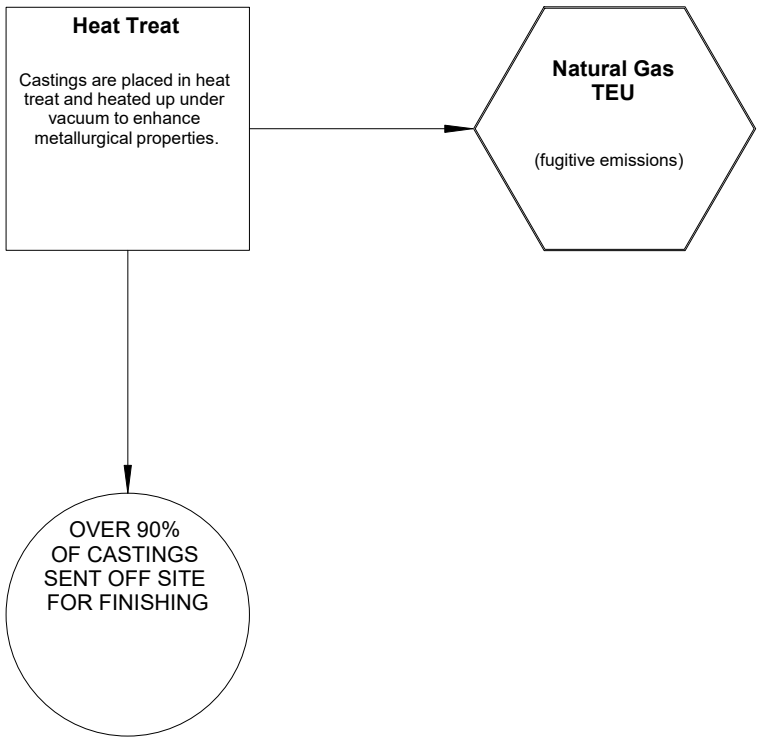
Knock Out and Cutoff Process Flow



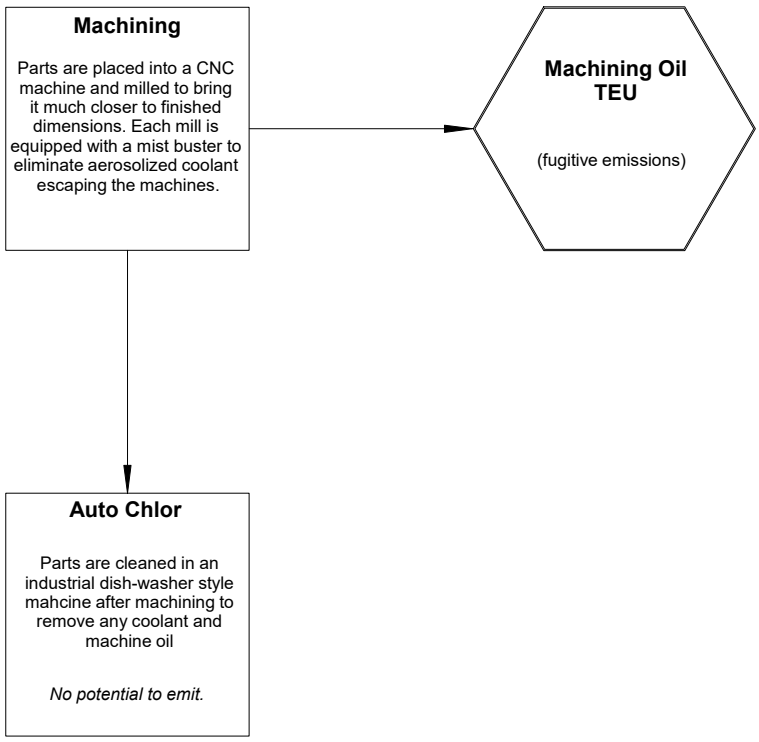
Cell 1 and Cell 2 Process Flow



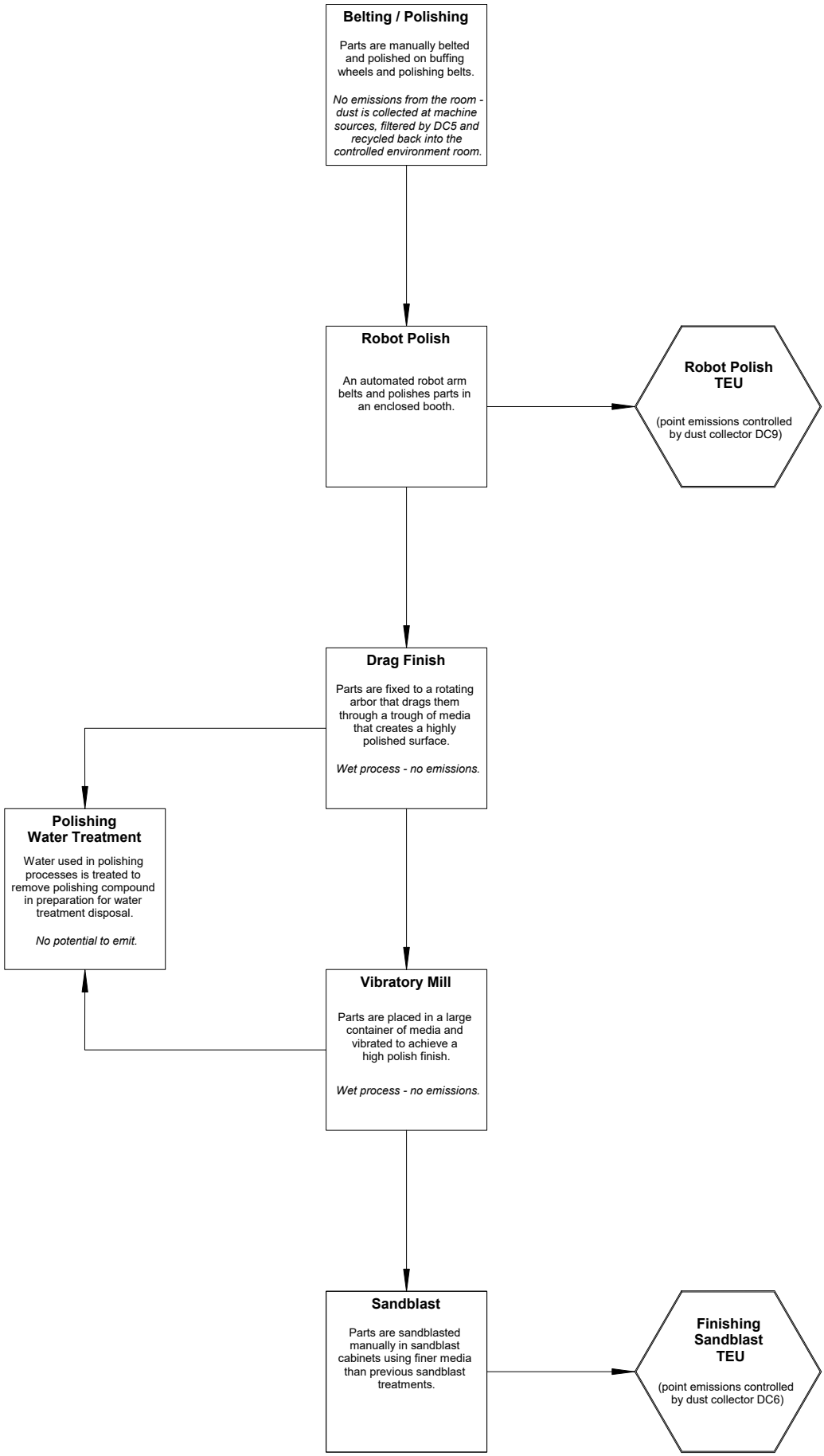
Heat Treat Process Flow



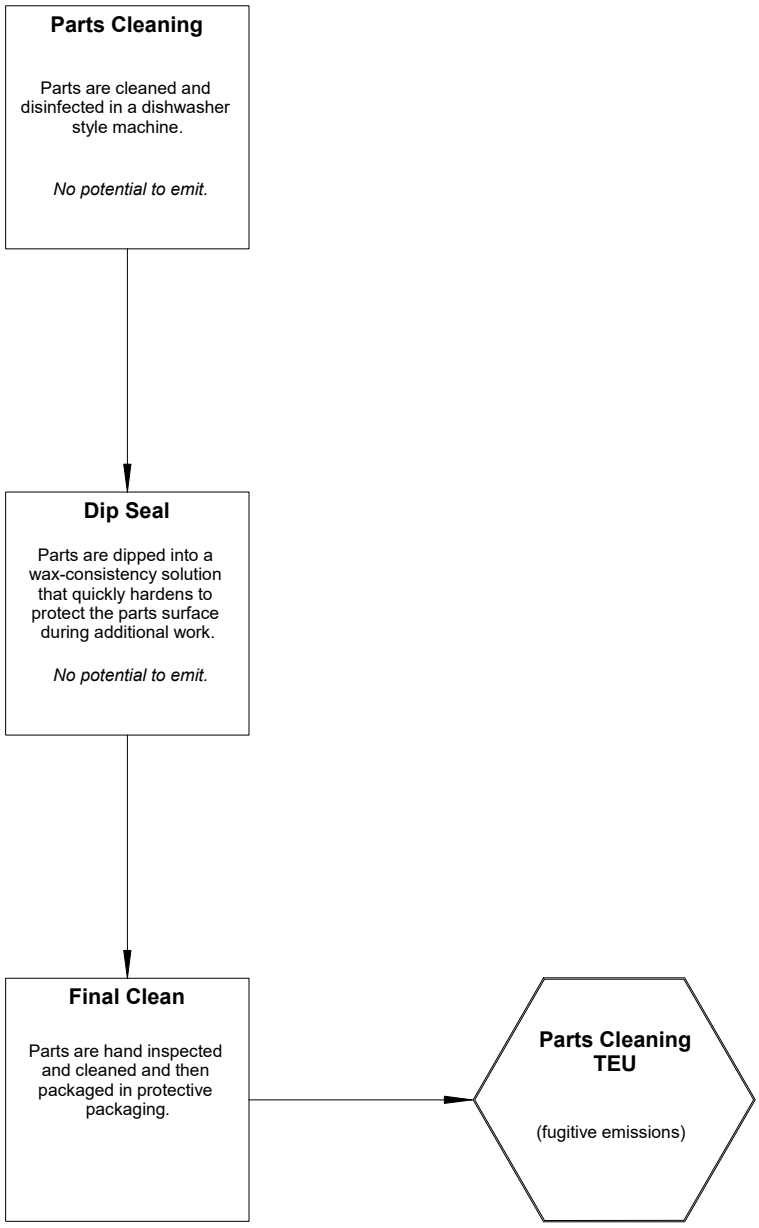
Machining Process Flow



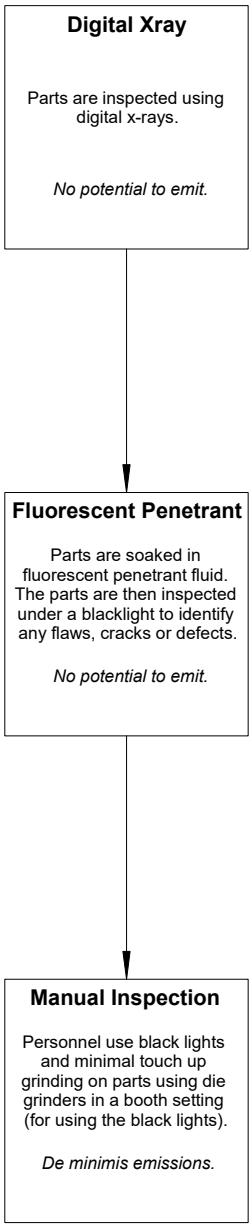
Finishing/Polishing Process Flow



Cleaning/ESMA



NDT Process Flow



Coating Process Flow

Coating*

Specialty parts have metal beads manually applied and glued into place. Parts are subsequently cured in an electric oven.

Climate controlled room - no emissions.

*Note that parts cleaning by hand with isopropyl alcohol is included as fugitive emissions in the material balance portion of AQ520 as their use was considered facility wide, however the air in this room is recirculated.

Waste Water Treatment Process Flow

Waste Water Treatment

Plant process water is collected in tanks and processed in 1,000-gallon batches. Solids are removed and pH adjusted (if needed) prior to discharge under permit to POTW.

No potenital to emit