

## B. W. SINCLAIR INFORMATION UPDATE

### SANITARY STAINLESS FINISHES TO MEET PROJECT SPECIFICATIONS



These ribbon-flight screws have been fabricated and cleaned to a Conveyor Equipment Manufacturers Association CEMA-I surface finish, with weld burrs and splatter removed. No grinding, polishing, or buffing has been performed. This is a typical BWSI "Industrial Stainless Steel" treatment.



These variable-pitch feeder screws have been further cleaned to a CEMA-III profile, with the weld metal blended and ground to remove unusual ripples and imperfections. The screws have then been washed with an Oakite™ dilute acid solution to remove contaminants.



These screws have been cleaned to a CEMA-IV designation. This treatment is considered "food-grade" and involves progressive grinding and polishing to both weld and parent metal.



The operator here is buffing the weld metal with a fine-grit belt to blend and polish the surface further. These screws are being cleaned to a CEMA-V profile.



This ribbon helix has been mechanically polished to a CEMA IV profile, and then electro polished to remove any remaining inconsistencies. The result is a bright uniform surface, especially useful in sanitary applications or when handling particularly adhesive materials that tend to adhere to the rotating helix.

For consultation concerning sanitary requirements for material handling, contact SINCLAIR or your local representative.

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