



CEMAX Silo Management Sdn Bhd

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CEMAX SILO-CLEAN SYSTEM (system information)

The Australian Silo Clean System of cleaning silos, bins etc., has been successfully used for over 20 years throughout Australia. Cleaning is usually carried out under contract by *Australian Silo Clean Pty Ltd* personnels.

Now in Malaysia, *CEMAX Silo Management Sdn Bhd* have been granted a full license and technology transfers from *Australian Silo Clean Pty Ltd* on 1 August 2005 to exclusively operate *The System* within the Asian region (excluding Japan).

CEMAX have fully trained operatives who can work on a turnkey contract basis anywhere in the Asian region. Subject to negotiation, an operational crew plus equipment can also carry-out work in other overseas countries.

SAFETY & ENVIRONMENT

1. There is no requirement for human-entry in to a confined space, therefore the need for companies to invest in and maintain all the specified safety equipment, provide training and retraining, maintain records etc., is minimised. Similarly, the dangers of engulfment, exposure to toxic gases and other entry hazards are also minimised.
2. Except for the standard operating procedures when using compressed air equipment, no special safety measures are needed.
3. Being a dry process, *The System* is environmentally friendly. Dust creation during the operation is usually negligible.



COST EFFICIENCY

1. Every Company Accountant would be aware of the costs connected with “entry in to a confined space legislation”. How much time is taken out of productive work by legislation requirements, record keeping, entry permits, gas and oxygen monitoring etc.?
2. On average, **The System** is 2 to 5 times faster than the old method of cleaning by hand methods. This means that silos and bins are returned to production use far faster, which is a big plus where storage space is at a premium or where production schedules are tied to the bins availability.
3. During cleaning, there is minimal disruption to normal factory production.
4. Where the product is non-flowing but still useable, **The System** is capable of reconstituting the product into a flowable form for usage in the factory process, subject, of course, to quality control. It is not unusual for up to 90% of product being reclaimed in this manner.
5. Depending on factory logistics and available air supply, it is possible for more than one silo or bin being cleaned at the same time, with no increase in operatives. It is usual for **The System** to be operated by a two man team, however, once set up, it can be operated by just one man.
6. In food industries, the standard of cleanliness after using **The System** is usually far greater than conventional entry and hand clean methods. Areas such as under the roof, around dust collection systems and the small nooks and crannies are extremely difficult to satisfactorily hand clean. **The System** makes light work of those areas. Even storage areas being readied for organic products, after being cleaned using **The System** were tested by a hygienist and found to be acceptable. Regular cleaning on a scheduled basis, will ensure that quality control of all storage areas is maintained, pest control needs decreased and the possibility of contamination with all the ramifications also minimised.



SUMMARY

Cost efficiency cannot be equated in terms of dollars and cents for a particular cleaning job, however, the long term effect in quality control in all its aspects, from product storage to final product, plus the saving in management time and resources by contracting this specialised work out, all have a bearing on the eventual bottom line.