



**SPRAY NOZZLE
ENGINEERING PTY. LTD.**

C.I.P. IMPROVED AT TIRAU

Total Spraying Solutions

MELBOURNE AUSTRALIA

P. O. Box 467,
Cheltenham, Victoria, 3192.
1-8 / 27 Shearson Crescent,
Mentone, Victoria, 3194

Phone: +61 (0)3 9583 2368
Fax: +61 (0)3 9585 0218
Email: sales@spraynozzle.com.au

SYDNEY AUSTRALIA

P. O. Box 161,
Lugarno, NSW, 2210
Suite 1 / 1020 Forest Rd
Lugarno, NSW, 2210

Phone: +61 (0)2 9533 4690
Fax: +61 (0)2 9533 4748
Email: sales@spraynozzle.com.au

HAMILTON NEW ZEALAND

P.O. Box 9549,
Waikato Mail Centre
Hamilton, New Zealand 2001

Phone: + 64 (0) 7 839 6444
Fax: + 64 (0) 7 839 6445
Mobile: 027 279 4981
Email: spraynozzle@xtra.co.nz

Spray Nozzle Engineering, has continued to offer the Fonterra group in New Zealand support with increasing production efficiency and reducing unsafe workplaces.

Tirau, a site in New Zealand originally used conventional standard pressed metal spray balls, which are believed to of been installed when the Drier manufacturer built the plant 20 years ago. The existing units were in a poor state of repair – having not been serviced for many years – performance was also far from good.

The M50 Series units were placed around the air ducts that take the large air flows from the spray dryer and pull out the suspended fine particles. These fine particles sometimes adhere to the duct surface and once started, the product can build up very quickly – HENCE COSTLY DOWNTIME.

Since installation three years ago, the plant has achieved very reliable cleaning action. The M50 's are removed from their cleaning position whilst production is in progress. The operators insert the 30 off units and clean using a mild caustic rinse and a final water rinse to complete the process.

M50 has patented cleaning action (which "channels" the cleaning fluid) rather than forcing it through a series of holes, which tends to lend itself to atomizing the fluid and an inefficient cleaning action. This coupled with the simple construction and reliable Teflon bearing race contributes to an efficient and reliable piece of equipment.

Spray Nozzle has also achieved major C.I.P. improvements at other dairy plants including Te Rapa, Hautapu, Hawera and Clandeboye.

For further information call us - At anytime.

