

2nd conveyor order for Innovative Conveying System from fertiliser firm

Well satisfied with its first Innovative Conveying System (ICS), Baileys Fertilisers has ordered a second system for its manufacturing facility at Kwinana, Western Australia.

David Bonfield, Baileys Fertilisers general manager, said: "The existing ICS conveyor that was installed in August 2007 has been operating exceptionally well and has improved our production output significantly by eliminating product spillage and improving general operation."

Mr Bonfield went on to say: "The improvements, reliability and after-sales service provided by Innovative Conveying Systems International (ICSI) with the first system we had installed were a major factor in choosing the ICS over other conveyor options for our new system."

According to Michael Pietsch, ICSI managing director, his company operates a policy of utilising data generated from actual field systems to aid in the continual improvement of the design and manufacture of future products. "The second

Existing Innovative Conveying System (ICS) at Baileys Fertilisers.



Baileys conveyor system will benefit from such improvements," he said.

The second ICS will be installed to convey mulch, potting mix and soil conditioner at a rate of 10tph from a feeder located outside the manufacturing facility, approximately 30m to the bagging machine located inside the manufacturing facility. The ICS will follow a straight conveying path with an



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incline of 45 degrees before entering the manufacturing facility and being suspended from the roof. The material will then discharge into the hopper for bagging.

ICSI is providing a full turnkey solution, including a 12m³ hopper with feeder and full control integration with the bagging machine.

Additional covers will be incorporated for this installation to cover the section of the ICS that is located outside. The ICS will run below an existing conveyor which conveys material to another hopper. The existing “non-ICS” conveyor is prone to spillage, which would fall directly onto the conveying path of the ICS affecting its safe and correct operation and creating the need for a cover. In normal operating conditions the ICS would not require a cover to be installed.

Michael Pietsch, Innovative Conveying Systems International managing director, said, “We are excited at the potential conveying solutions that the ICS offers to the chemical manufacturing industry, particularly as the first installation at Bailey’s has already proved itself.

“The ICS is not restricted to chemical manufacturing applications, but can also provide a viable conveying solution in the mining, agriculture, construction, ports, power generation and waste-management industries for rates of up to 2,000 TPH and above.” ■



ICS negotiating a 90° compound curve and 1 metre radius.



ICS conveying up a 40 degree vertical angle.