

## Macawber Installation Case Study: Castor Sugar and Gelatin Powder, Australia

### IN BRIEF

Macawber provided a stainless steel, 3/8-3 Denseveyor® to a customer in Australia to convey castor sugar and gelatin powder. The materials are transferred from weigh bins to two receivers. Macawber's fully enclosed, stainless pneumatic conveying system allows for a complete sanitary transfer of materials.

### MATERIAL CHARACTERISTICS

Material	Castor Sugar and Gelatin Powder
Bulk Density	Sugar 55.5 lbs./cu.ft Gelatin Powder 31-34 lbs./cu.ft
Temperature	Ambient
Moisture Content	<0.08% maximum
Condition	Dry, Free Flowing

### SYSTEM OBJECTIVES

1. Convey materials gently with minimal degradation
2. Decrease maintenance and down time
3. Provide a reliable solution

### SYSTEM PERFORMANCE

Transfer Capacity	3 T/hr per system
Conveying Distance	114.8 ft
Reception Points	2

### IMPROVEMENTS ACHIEVED

1. Materials conveyed gently with minimal to no degradation
2. Down time and maintenance decreased significantly
3. Reliable solution provided

