



Paper Manufacturing

➔ SOLUTIONS:

Failure analysis of the bearings suggested problems with the paper machine's components. NSK offered Vibration and Operating Deflection Shape analysis to identify potential problems. Analysis results identified structural defects in the #1 Paper Machine. Technical training and engineering support was provided by NSK to improve the situation. These improvements resulted in reduced downtime and in turn, lowered lost production and maintenance costs.

➔ ACTUAL COST SAVING

\$106,385.55

Cost Saving Description:

- Reduced Maintenance
- Improved Productivity
- Valuable Training
- Technical Service



Cost Saving Breakdown (CDN\$):

ITEM	COST SAVINGS
Productivity improvements	\$78,522.68 value agreed on by end-user and NSK
Training seminars	18 trainees x 4 sessions x \$253.30/session = \$18,237.60
Reduced maintenance labor hours saved = 80 hours	80 hours x \$100/hr = \$8,105.59
Industry specialist service	2 days x \$759.84/day = \$1,519.68

Total cost savings = \$106,385.55