

Media Release: May 2004

Vector Lifting Pty Ltd,

PERTH URBAN RAIL UNDERFLOOR LIFTING SYSTEM NOW FULLY OPERATIONAL.

Jandakot-based specialist railway engineering firm Vector Lifting has announced the completion of its underfloor lifting system for WAGR (Western Australian Government Railways Commission) at the new Nowergup maintenance facility for Perth Urban Rail. Work started on the project in October 2002 and was successfully completed in February 2004.... on time and on budget.

A turntable and overhead travelling maintenance platform were also supplied and installed.

The underfloor lifting system is very similar to an earlier model designed and installed by Vector Lifting for Westrail's Claisebrook maintenance facility, and has been developed to facilitate safe, efficient and rapid maintenance of railcar undercarriage.

When not in use, the system is completely concealed below the floor. There are minimal gaps and no protrusions, providing a totally free floor area for safe use by personnel and vehicles.

One of the main features of this design is the flexibility it allows the operator in lifting and supporting the rail cars in any combination, to any level, selected by the operator. This allows for more efficient and thorough:

1. Inspection and repairs to the equipment located underneath the railcar.
2. Changing of individual or all bogies at the same time, while the railcar remains elevated and firmly supported.
3. Wheeling of bogies freely on unique auxiliary rails at floor level, under the elevated railcar.

Once inspection and maintenance work is completed, the railcar can be safely lowered to floor level again within an amazing 4 minutes!

More Info available from Mr Les Capelli, Vector Lifting, tel (08) 9417 9128

Photo caption::

“Vector Lifting’s underfloor lifting system at the Perth Urban Rail Nowergup maintenance facility is very similar to this Westrail Claisebrook system, also designed and installed by the Jandakot-based specialist engineering firm. When not in use it is concealed beneath the floor, leaving a safe thoroughfare for both personnel and vehicles.”