

Product: LCD Monitors



Overview: Remanufactured LCD monitors should be provided with a 12 month guarantee and assurance that out of warranty support will be comparable to that of a new monitor. Suppliers should be able to demonstrate that any new components fitted to remanufactured equipment are RoHS compliant if the original unit was put on the market after 1st July 2006. Suppliers should operate a take-back scheme that will recover unwanted end-of-life equipment either for proper dismantling and recycling, or for export to secondary markets (working equipment only) if the equipment has no market value in the UK.

Environmental Impacts	Cost Effectiveness	Market Availability	Competitive Market	Resource Savings	Potential for Increased Procurement to Affect the Market
1) Production and transportation energy, and use of hazardous substances. 2) Usage phase (major). 3) Disposal, particularly of plastics and hazardous materials such as flame retardants and lead-based solder.	Remanufactured monitors can represent a substantial saving over new. This saving will differ depending on the supplier and the model, but in general larger, more expensive monitors will attract more substantial savings over new.	There are firms who specialise in supplying remanufactured office electronics such as LCD monitors in bulk and to order. They are able to tailor packages to individual specifications and provide excellent backup.	The falling price of new LCD screens has meant that remanufacturers have found it hard to compete at the cheaper end of the market. However there are a number of third parties who will remanufacture monitors, sometimes acting as a service agent for an OEM. The market is highly competitive.	The remanufacture of electronic equipment generally consumes far less material than production of new. LCD monitors in particular contain indium, a rare earth metal that is highly energy intensive to produce. Typically, only a handful of components will require replacing. Monitors with more serious faults will be used as a source of spare parts. ¹ Remanufacture will usually occur within the UK so the transport energy associated with the product is reduced. Using a responsible remanufacturing agent with a take-back scheme also ensures that when the product finally reaches the end of its life, it will be disposed of correctly.	Increased demand for such units would increase the turnover and profit of the remanufacturing industry. The extra profitability will enable more advanced remediation and recycling technologies to be developed, thus more discarded units will be reused, or those that cannot will be recycled in a more efficient manner.

¹ Oakdene Hollins, 2006