E-Waste Management @ TCS

Environmental Sustainability, Health & Safety
Agenda

- TCS E-waste Policy & Green Procurement Policy
- E-waste generation
- Process of E-waste disposal – Lifecycle Management
  - Vendor identification process
  - Site inspections & due diligence
  - Qualification process
  - Disposal record – In house online system
TCS Policy on E-Waste Management - 2008

Formulated a policy on e-waste management in July 2008

In line with WEEE directives
Procurement Decisions

- Designed for environment with extended product life, reusability, recyclability and use of recycled content
- Involve or encourage lesser consumption of resources like energy, water and other natural resources
- Extended producer responsibility with “take-back/buy-back” policy
E-Waste Generation Stats.

15,550 nos. of computers disposed in FY 2014-15

Quantity disposed in FY 2015-16 - 13,000*
(*assurance process in progress)

Same trend expected for FY 2016-17

In addition, computers which were in working condition but deemed obsolete for TCS's purposes were donated to educational and charitable institutions which have use for such equipment

Image Courtesy
http://expressrecyclingandsanitation.com/tag/e-waste-management/#sthash.99Gc38YD.dpbs
E-Waste Disposal Process – Phase 1

1. Enlist vendors from SPCB websites, existing vendors & vendors who have approached TCS within the FY
2. Desktop survey carried out to check the compliance requirements & documents are requested from vendors
3. Shortlisted (qualified) vendors list shared with procurement team
Site inspection of shortlisted vendors carried by ESHS team

Checklist

- Compliance requirements/mandatory section
- Environmental Practices
- Safety Practices
- Additional - Voluntary certifications

Level 2 qualification based on site inspection reports and selected vendors are called for further discussions
Details of requirements and expectations are shared with the selected vendor.

Records of E-waste generated and disposed is maintained at each location.

Destruction certificates are collected from vendors for the E-waste that was handed over to them against appropriate asset ID’s.

Site inspections are conducted during the contract period to ascertain compliance to stated requirements.
E-Waste Management

A separate online (in-house) system is also maintained to track the generation, storage and disposal details of E-waste that is generated.

Closure of loop is ensured with stringent approval process and workflows.

Ensure that all the E-waste is managed in a scientific manner and records are available.
Recipients of such donations are required to return the hardware to TCS once it reaches end-of-life at their end or arrange for proper disposal through government authorized E-waste vendors.

TCS offers to facilitate this disposal through the authorized channels.
Adherence to compliance

Commitment to environment protection

TCS Environmental Policy

TCS commitment to the environment stems from the Tata Group’s abiding concern for the environment, climate change and society, which is embodied in the Tata Code of Conduct and the Tata Group Climate Change Policy. TCS recognises environmental impact and climate change as among the key sustainability challenges to businesses and society; affecting economic stability, ecology and vulnerable communities. TCS is committed to assume a leadership role in environmental protection and climate change mitigation while pursuing our business aspirations and enhancement of shareholder value.

TCS is a global organisation providing IT services, business solutions, and outsourcing to clients worldwide. We recognise the direct impacts on the environment arising out of our operations and activities due to consumption of resources like energy, water, etc. and generation of wastes. We also realize the potential of our IT services and solutions to drive efficiencies through optimization and reduction of wastages which directly or indirectly reduces environmental / climate impact for our customers.

We shall strive to minimise our direct impacts on the environment while concurrently enhancing our services and solutions to help customers to improve their environmental and carbon performance towards meeting their sustainability objectives.

TCS aims to fulfill its environmental commitments through the following broad level actions:

- Integrate energy and environmental considerations into the design of our new infrastructural facilities
- Improve resource efficiency in operations, especially for key resources such as energy and water
- Reduce carbon footprint through energy efficiency measures and increasing the renewable energy component of our energy portfolio
- Adopt the 3R (Reduce, reuse and recycle) philosophy for all types of wastes to prevent pollution and dispose of hazardous wastes, particularly electronic waste, in line with regulatory requirements or industry best practice
- Preserve and enhance biodiversity in our campsuses
- Strive towards greening our IT infrastructure and operations, including data centres
- Actively promote ‘green procurement’
- Consider stakeholder expectations for improvement of our infrastructure, operations, processes and solutions to the extent feasible
- Set, monitor, benchmark and review objectives and targets on an ongoing basis towards achieving continuous improvement in environmental and climate performance and the overall environmental management system
- Comply with all the applicable environmental and safety legal and other requirements and, whenever feasible, strive for stringent compliance leadership
- Engage and involve our customers, vendors and contractors in our environmental sustainability mission by sharing our experiences and collaboratively achieve our environmental objectives towards greening the supply chain
- Report our environmental performance and contribution to climate change related issues through relevant international and national forums and to other stakeholders through appropriate communication channels
- Communicate the environmental policy to all employees, customers, business associates and other stakeholders and ensure it is available to the public
Thank You