**Tashkent State Medical University**



Main Academic Building with Solar Energy Infrastructure



TSMU Multidisciplinary Clinic



Children's Multidisciplinary Clinic



Research and Innovation Laboratory



Clinical Simulation Center and Practical Medical Training



Administrative and Governance Meeting Facility

| **GBI Non-Residential Existing Building** | **Main Academic Building** | **Multidisciplinary Clinic** | **Children's Clinic** | **Research and Education Building** | **Simulation Center** | **Administrative Building** |
|---|---|---|---|---|---|---|
| **Element 1. Energy Efficency** | **V** | **V** | **V** | **V** | **V** | **V** |
| **Design & Performance** | | | | | | |
| Minimum EE Performance | V | V | V | V | V | V |
| Lighting Zoning | V | V | V | V | V | V |
| Electrical Sub-metering | V | | | V | | V |
| Renewable Energy | V | V | V | V | V | V |
| Advanced or Improved EE Performance - BEI | V | | | V | V | |
| **Commissioning** | | | | | | |

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| Enhanced or Re-commissioning | V | V | V | V | V | V |
| On-going Post Occupancy Commissioning | V | V | V | V | V | V |
| **Monitoring, Improvement & Maintenance** | | | | | | |
| EE Monitoring & Improvement | V | V | V | V | V | V |
| Sustainable Maintenance | V | V | V | V | V | V |
| **Element 2. Indoor Environmental Quality** | **V** | **V** | **V** | **V** | **V** | **V** |
| **Air Quality** | | | | | | |
| Minimum IAQ Performance | V | V | V | V | V | V |
| Environmental Tobacco Smoke (ETS) Control | V | V | V | V | V | V |
| Carbon Dioxide Monitoring and Control | | | | | | |
| Indoor Air Pollutants | V | V | V | V | V | V |
| Mould Prevention | V | V | V | V | V | V |
| **Thermal Comfort** | | | | | | |
| Thermal Comfort: Controllability of Systems | V | V | V | V | V | V |
| Air Change Effectiveness | | | | | | |
| **Lighting, Visual & Acoustic Comfort** | | | | | | |
| Daylighting | V | V | V | V | V | V |
| Daylight Glare Control | V | V | V | V | V | V |
| Electric Lighting Levels | V | V | V | V | V | V |
| High Frequency Ballasts | V | V | V | V | V | V |
| External Views | V | V | V | V | V | V |
| Internal Noise Levels | V | V | V | V | V | V |
| **Verification** | | | | | | |
| IAQ Before/During Occupancy | V | V | V | V | V | V |

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| Occupancy Comfort Survey: Verification | | | | | | |
| **Element 3. Sustainable Site Planning & Management** | | | | | | |
| **Facility Management** | | | | | | |
| GBI Rated Design & Construction | | | | | | |
| Building Exterior Management | V | V | V | V | V | V |
| Integrated Pest Management, Erosion Control & Landscape Management | V | V | V | V | V | V |
| **Transportation** | | | | | | |
| Green Vehicle Priority - Low Emitting & Fuel Efficient Vehicles | V | V | V | V | V | V |
| Parking Capacity | V | V | V | V | V | V |
| **Reduce Heat Island Effect** | | | | | | |
| Greenery & Roof | V | V | V | V | V | V |
| Building User Manual | | | | | | |
| **Element 4. Materials & Resources** | | | | | | |
| **Reused & Recycled Materials** | | | | | | |
| Materials Reuse and Selection | V | V | V | V | V | V |
| Recycled Content Materials | V | V | V | V | V | V |
| **Sustainable Materials & Resources and Policy** | | | | | | |
| Sustainable Timber | | | | | | |
| Sustainable Purchasing Policy | V | V | V | V | V | V |
| **Waste Management** | | | | | | |
| Storage, Collection & Disposal of Recyclables | V | V | V | V | V | V |
| **Green Products** | | | | | | |
| Refrigerants & Clean Agents | | V | V | V | V | |

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| **Element 5. Water Efficiency** | | | | | | |
| **Water Harvesting & Recycling** | | | | | | |
| Rainwater Harvesting | V | | | | V | V |
| Water Recycling | V | V | V | V | V | V |
| **Increased Efficiency** | | | | | | |
| Water Efficient - Irrigation/Landscaping | V | V | V | V | V | V |
| Water Efficient Fittings | V | V | V | V | V | V |
| Metering & Leak Detection System | V | V | V | V | V | V |
| **Element 6. Innovation** | | | | | | |
| Innovation & Environmental Initiatives | V | V | V | V | V | V |
| Green Building Index Facilitator | | | | | | |

**Description:**

Tashkent State Medical University (TSMU) continuously develops and modernizes its academic, healthcare, research, and administrative infrastructure to support sustainable campus development, innovation, and institutional excellence.

The facilities presented in this evidence include the Main Academic Building equipped with solar energy infrastructure, the TSMU Multidisciplinary Clinic, the Children's Multidisciplinary Clinic, advanced research laboratories, the Clinical Simulation Center, and administrative management facilities. These facilities collectively support education, healthcare services, scientific research, professional training, and effective university governance.

TSMU invests in innovative learning environments and modern technologies to improve educational quality and practical training opportunities. The Clinical Simulation Center provides hands-on training through the use of advanced patient simulators and modern medical equipment, enabling students to develop clinical competencies, decision-making skills, and patient safety practices in a controlled learning environment.

The university's healthcare facilities deliver medical consultations, diagnostic services, preventive healthcare programs, and specialized treatment services for students, staff, patients, and the wider community. Research laboratories contribute to scientific innovation and the advancement of medical knowledge, while administrative facilities support strategic planning and sustainable campus management.

Through the integration of renewable energy systems, healthcare infrastructure, research facilities, simulation-based education, and modern administrative services, TSMU promotes environmental responsibility, academic excellence, social well-being, and long-term institutional sustainability. These initiatives contribute to the achievement of multiple Sustainable Development Goals (SDGs), particularly SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 7 (Affordable and Clean Energy), SDG 9 (Industry, Innovation and Infrastructure), SDG 11 (Sustainable Cities and Communities), and SDG 17 (Partnerships for the Goals).