

```
<!DOCTYPE html>
<html>
<head>
<meta charset="UTF-8">
<title>खोजो HAZARDS</title>

<!-- PWA META -->
<meta name="theme-color" content="#0a2a66">
<link rel="manifest" href="manifest.json">
<meta name="mobile-web-app-capable" content="yes">
<meta name="apple-mobile-web-app-capable" content="yes">

<style>
body{background:#f5f2e6;font-family:Arial, sans-serif;margin:0;padding:0}
.container{max-width:980px;margin:30px auto;padding:20px}
.card{background:#fff;border-radius:10px;box-shadow:0 2px 8px
rgba(0,0,0,0.1);padding:20px}
.title{font-size:26px;font-weight:700;color:#2b2b2b;margin-bottom:10px}
.sub{color:#555;font-size:14px;margin-bottom:20px}
.searchBox{display:flex;gap:10px;margin-bottom:15px}
.searchBox input{flex:1;padding:12px;border:1px solid #ccc;border-radius:6px;font-size:16px}
.searchBox button{padding:12px
20px;border:none;border-radius:6px;background:#1aa65c;color:#fff;font-size:16px;cursor:pointer
}
.table{width:100%;border-collapse:collapse;margin-top:15px}
.table th,.table td{border:1px solid #e0e0e0;padding:10px;text-align:left;font-size:14px}
.table th{background:#f0f0f0}
.hidden{display:none}
.footer{margin-top:20px;color:#888;font-size:12px}
.upi{color:#1aa65c;text-decoration:underline;cursor:pointer}
.comments{margin-top:15px}
</style>
</head>
<body>
<div class="container">
<div class="card">
<div style="margin:18px 0 12px 0;">
<div style="font-size:24px; font-weight:800; letter-spacing:0.5px;">
    खोजो <span style="color:#b8860b;">HAZARDS</span>
</div>
<div style="font-size:13px; margin-top:2px; color:#2f6fb2;">
    अब चुटकी में
</div>
</div>
</div>
```

```

<div class="sub">Enter any activity and get hazards, controls, PPE & risk</div>

<!-- LOCK BOX -->
<div id="lockBox" style="text-align:center;">
  <h3>Paid Access</h3>
  <p><b>Actual Price:</b> ₹999</p>
  <p style="color:green"><b>Republic Day Offer (26th January):</b> ₹599 (25 Days Access)</p>

  <input id="accessCode" type="text" placeholder="Enter Access Code"
         style="display:block; margin:12px auto; text-align:center;">
  <button onclick="unlock()" 
style="width:100%;padding:12px; border:none; border-radius:6px; background:#1aa65c; color:#fff; font-size:16px; cursor:pointer">Unlock</button>

  <div style="text-align:center; margin-top:15px;">
    <a href="https://forms.gle/rnxWDf8wNa16pb8C8" target="_blank"
style="display:inline-block; text-decoration:none; background:#b8860b; color:#fff; padding:10px 18px; border-radius:6px; font-weight:700;">
      Get Access Code Now
    </a>
  </div>

  <p style="margin-top:15px">After payment you will receive access code.</p>
</div>

<!-- PAID CONTENT -->
<div id="content" class="hidden">
  <div class="searchBox">
    <input type="text" id="activityInput" placeholder="Type activity name e.g., Excavation, Crane, Welding...">
    <button onclick="search()">Search</button>
  </div>

  <table class="table" id="resultTable">
    <thead>
      <tr>
        <th>Hazard</th>
        <th>Control</th>
        <th>PPE</th>
        <th>Risk</th>
      </tr>
    <tbody>
    </tbody>
  </table>
</div>

```

```

</thead>
<tbody id="resultBody"></tbody>
</table>

<div class="comments">
  <strong>Comments:</strong>
  <div style="margin-top:10px;color:#555;font-size:13px;"></div>
</div>
</div>

<div class="footer">
  Note: Screenshot not allowed. One user per browser.
</div>
</div>
</div>

<script>
const accessDB = {
  "IMHSE-2601-X9": "2026-02-26",
  "IMHSE-2601-A2": "2026-02-28",
  "IMHSE-2601-PAID": "2099-12-31"
};

const HAZARD_DB = {
  "excavation": [
    ["Cave-in", "Shoring and sloping", "Helmet", "High"],
    ["Fall into pit", "Barricading", "Safety shoes", "High"],
    ["Underground cable hit", "Utility scanning", "Insulated gloves", "High"],
    ["Water accumulation", "Dewatering", "Gumboots", "Medium"],
    ["Vehicle strike", "Signalman", "Reflective jacket", "Medium"]
  ],
  "trenching": [
    ["Trench collapse", "Shoring", "Helmet", "High"],
    ["Access failure", "Ladder access", "Safety shoes", "Medium"],
    ["Struck by tools", "Tool control", "Helmet", "Medium"],
    ["Water ingress", "Pump out water", "Gumboots", "Medium"],
    ["Poor visibility", "Lighting", "Helmet", "Low"]
  ],
  "scaffolding": [
    ["Fall from height", "Guardrails", "Full body harness", "High"],
    ["Scaffold collapse", "Load control", "Helmet", "High"],
    ["Falling objects", "Toe boards", "Helmet", "High"],
    ["Unsafe access", "Proper ladder", "Helmet", "Medium"],
    ["Overloading", "Display SWL", "Safety shoes", "Medium"]
  ]
};

```

],  
"formwork": [  
  ["Collapse", "Design approval", "Helmet", "High"],  
  ["Struck by material", "Controlled removal", "Helmet", "High"],  
  ["Fall", "Edge protection", "Harness", "High"],  
  ["Nail injury", "Housekeeping", "Gloves", "Medium"],  
  ["Manual handling", "Mechanical aid", "Safety shoes", "Medium"]  
],  
"concreting": [  
  ["Skin burns", "Safe handling", "Rubber gloves", "Medium"],  
  ["Struck by mixer", "Barricading", "Helmet", "High"],  
  ["Slip", "Housekeeping", "Safety shoes", "Low"],

- ["Vehicle hit", "Traffic diversion", "Reflective jacket", "High"],
  - ["Dust", "Water spraying", "Mask", "Low"],
  - ["Noise", "Hearing protection", "Ear plugs", "Low"],
  - ["Heat stress", "Rest breaks", "Cap", "Medium"],
  - ["Uneven surface", "Proper footwear", "Safety shoes", "Medium"]
- ,
- "bitumen work": [
  - ["Burns from hot bitumen", "Temperature control", "Heat resistant gloves", "High"],
  - ["Fire", "Fire extinguisher", "Face shield", "High"],
  - ["Fume inhalation", "Ventilation", "Respirator", "Medium"],
  - ["Slip", "Anti-slip mats", "Safety shoes", "Medium"],
  - ["Traffic hit", "Traffic control", "Reflective jacket", "High"]
- ,
- "paving": [
  - ["Hand injury", "Tool safety", "Gloves", "Medium"],
  - ["Back strain", "Mechanical aid", "Safety shoes", "Medium"],
  - ["Slip", "Housekeeping", "Safety shoes", "Low"],
  - ["Dust", "Water spray", "Mask", "Low"],
  - ["Struck by vehicle", "Barricade", "Reflective jacket", "High"]
- ,
- "curing": [
  - ["Slip on wet surface", "Warning signs", "Safety shoes", "Low"],
  - ["Chemical irritation", "Proper dilution", "Gloves", "Medium"],
  - ["Heat exposure", "Rest breaks", "Cap", "Medium"],
  - ["Manual handling", "Proper lifting", "Safety shoes", "Low"],
  - ["Trip hazard", "Hose management", "Safety shoes", "Low"]
- ,
- "reinforcement fixing": [
  - ["Rebar cuts", "Capping ends", "Gloves", "High"],
  - ["Fall", "Guardrails", "Helmet", "High"],
  - ["Muscle strain", "Team lifting", "Safety shoes", "Medium"],
  - ["Struck by material", "Material stacking", "Helmet", "Medium"],
  - ["Eye injury", "Eye protection", "Goggles", "Medium"]
- ,
- "bar bending": [
  - ["Finger crush", "Safe distance", "Gloves", "Medium"],
  - ["Machine entanglement", "Guarding", "Helmet", "High"],
  - ["Noise", "Hearing protection", "Ear plugs", "Low"],
  - ["Flying metal", "Face protection", "Face shield", "Medium"],
  - ["Manual lifting", "Mechanical aid", "Safety shoes", "Medium"]
- ,
- "shuttering": [
  - ["Panel fall", "Proper support", "Helmet", "High"],
  - ["Fall from height", "Working platform", "Harness", "High"],

["Hand injury", "Tool handling", "Gloves", "Medium"],  
["Pinch point", "Safe handling", "Gloves", "Medium"],  
["Overloading", "Load limit", "Safety shoes", "Medium"]  
],  
"stone masonry": [  
 ["Stone fall", "Proper stacking", "Helmet", "High"],  
 ["Hand injury", "Tool safety", "Gloves", "Medium"],  
 ["Dust inhalation", "Wet cutting", "Mask", "Medium"],  
 ["Manual lifting", "Team lift", "Safety shoes", "Medium"],  
 ["Slip", "Housekeeping", "Safety shoes", "Low"]  
],  
"tiling": [  
 ["Knee strain", "Knee pads", "Knee pads", "Low"],  
 ["Tile cuts", "Proper cutter", "Gloves", "Medium"],  
 ["Chemical exposure", "Safe adhesive", "Gloves", "Low"],

- ["Slip", "Dry surface", "Safety shoes", "Low"]
  - ],
- "core cutting": [
  - ["Flying debris", "Barricading", "Face shield", "High"],
  - ["Dust", "Water suppression", "Mask", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "Medium"],
  - ["Electrical shock", "Proper grounding", "Gloves", "High"],
  - ["Fall", "Stable platform", "Helmet", "Medium"]
- ],
- "pile driving": [
  - ["Noise", "Hearing protection", "Ear plugs", "High"],
  - ["Vibration exposure", "Work rotation", "Gloves", "Medium"],
  - ["Falling object", "Exclusion zone", "Helmet", "High"],
  - ["Machine instability", "Ground check", "Helmet", "High"],
  - ["Hydraulic failure", "Inspection", "Helmet", "Medium"]
- ],
- "retaining wall": [
  - ["Collapse", "Engineering design", "Helmet", "High"],
  - ["Fall", "Edge protection", "Harness", "High"],
  - ["Struck by stone", "Controlled placement", "Helmet", "Medium"],
  - ["Manual handling", "Mechanical aid", "Safety shoes", "Medium"],
  - ["Uneven ground", "Proper footing", "Safety shoes", "Low"]
- ],
- "crane": [
  - ["Load fall", "Certified rigging", "Helmet", "High"],
  - ["Crane overturn", "Ground stability", "Helmet", "High"],
  - ["Power line contact", "Safe clearance", "Gloves", "High"],
  - ["Swing radius", "Barricading", "Safety shoes", "Medium"],
  - ["Signal failure", "Trained signalman", "Reflective jacket", "Medium"]
- ],
- "hydra": [
  - ["Load instability", "Load chart", "Helmet", "High"],
  - ["Pinch points", "Safe distance", "Gloves", "High"],
  - ["Boom failure", "Inspection", "Helmet", "High"],
  - ["Traffic collision", "Barricade", "Reflective jacket", "Medium"],
  - ["Ground failure", "Soil check", "Safety shoes", "Medium"]
- ],
- "excavator": [
  - ["Machine rollover", "Stable ground", "Helmet", "High"],
  - ["Blind spot hit", "Spotter", "Reflective jacket", "High"],
  - ["Hydraulic failure", "Maintenance", "Helmet", "High"],
  - ["Swing collision", "Barricade", "Safety shoes", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "Low"]
- ],

"backhoe loader": [  
  ["Rollover", "Slope control", "Helmet", "High"],  
  ["Pedestrian hit", "Spotter", "Reflective jacket", "High"],  
  ["Bucket drop", "Lockout", "Helmet", "High"],  
  ["Maintenance hazard", "Isolation", "Gloves", "Medium"],  
  ["Noise", "Hearing protection", "Ear plugs", "Low"]  
],

"forklift": [  
  ["Overturn", "Speed control", "Helmet", "High"],  
  ["Load fall", "Proper stacking", "Helmet", "High"],  
  ["Pedestrian hit", "Warning alarm", "Reflective jacket", "High"],  
  ["Battery acid", "Safe charging", "Gloves", "Medium"],

"road cutting": [  
  ["Flying debris", "Barricading", "Face shield", "High"],  
  ["Dust inhalation", "Water spraying", "Mask", "Medium"],  
  ["Tool kickback", "Proper grip", "Gloves", "Medium"],  
  ["Traffic hit", "Traffic diversion", "Reflective jacket", "High"],

"asphalt laying": [  
  ["Burn from hot mix", "Temperature monitoring", "Heat gloves", "High"],  
  ["Fume inhalation", "Ventilation", "Respirator", "Medium"],  
  ["Slip", "Proper footwear", "Safety shoes", "Medium"],  
  ["Traffic collision", "Barricading", "Reflective jacket", "High"],

"road marking": [  
  ["Chemical exposure", "Proper handling", "Gloves", "Medium"],  
  ["Traffic hit", "Traffic control", "Reflective jacket", "High"],  
  ["Fume inhalation", "Mask use", "Mask", "Low"],  
  ["Slip on paint", "Warning signage", "Safety shoes", "Low"],

"manhole work": [  
  ["Oxygen deficiency", "Gas testing", "Gas detector", "High"],  
  ["Fall into manhole", "Cover guard", "Harness", "High"],  
  ["Biological hazard", "Hygiene practice", "Gloves", "Medium"],  
  ["Confined space", "Permit system", "SCBA", "High"],

"sewer cleaning": [  
  ["Toxic gas", "Gas monitoring", "SCBA", "High"],

- ["Drowning", "Lifeline", "Harness", "High"],
  - ["Infection", "Vaccination", "Gloves", "Medium"],
  - ["Slip", "Housekeeping", "Safety shoes", "Low"],
  - ["Manual strain", "Proper posture", "Safety shoes", "Low"]
- ,
- "pipe laying": [
  - ["Trench collapse", "Shoring", "Helmet", "High"],
  - ["Pipe roll", "Chocking", "Safety shoes", "Medium"],
  - ["Manual handling", "Team lifting", "Safety shoes", "Medium"],
  - ["Tool injury", "Tool inspection", "Gloves", "Medium"],
  - ["Slip", "Level ground", "Safety shoes", "Low"]
- ,
- "pipe welding": [
  - ["Arc eye", "Welding shield", "Welding helmet", "High"],
  - ["Burns", "Protective clothing", "Gloves", "High"],
  - ["Fire", "Fire watch", "Fire extinguisher", "High"],
  - ["Fume inhalation", "Ventilation", "Respirator", "Medium"],
  - ["Electric shock", "Proper earthing", "Gloves", "High"]
- ,
- "pressure testing": [
  - ["Pipe burst", "Pressure control", "Helmet", "High"],
  - ["Flying fittings", "Exclusion zone", "Face shield", "High"],
  - ["Noise", "Hearing protection", "Ear plugs", "Medium"],
  - ["Water spray", "Controlled release", "Safety shoes", "Low"],
  - ["Slip", "Drainage", "Safety shoes", "Low"]
- ,
- "valve installation": [
  - ["Hand injury", "Tool safety", "Gloves", "Medium"],
  - ["Valve drop", "Lifting aid", "Helmet", "High"],
  - ["Muscle strain", "Proper lifting", "Safety shoes", "Medium"],
  - ["Pinch points", "Clear communication", "Gloves", "Medium"],
  - ["Slip", "Housekeeping", "Safety shoes", "Low"]
- ,
- "pump installation": [
  - ["Electrical shock", "Isolation", "Insulated gloves", "High"],
  - ["Pump fall", "Rigging plan", "Helmet", "High"],
  - ["Alignment injury", "Proper tools", "Gloves", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "Low"],
  - ["Slip", "Dry floor", "Safety shoes", "Low"]
- ,
- "electrical conduit laying": [
  - ["Electric shock", "Power isolation", "Insulated gloves", "High"],
  - ["Sharp edges", "Deburring", "Gloves", "Medium"],
  - ["Fall", "Proper ladder", "Helmet", "Medium"],

["Eye injury", "Eye protection", "Goggles", "Low"],  
["Manual strain", "Ergonomic posture", "Safety shoes", "Low"]  
],  
"cable pulling": [  
["Cable snap", "Tension control", "Gloves", "High"],  
["Hand injury", "Clear grip", "Gloves", "Medium"],  
["Trip hazard", "Cable routing", "Safety shoes", "Low"],  
["Muscle strain", "Mechanical rollers", "Safety shoes", "Medium"],  
["Communication failure", "Hand signals", "Helmet", "Low"]  
],  
"panel installation": [  
["Electric shock", "LOTO", "Insulated gloves", "High"],  
["Panel tip over", "Anchoring", "Helmet", "High"],  
["Finger pinch", "Safe handling", "Gloves", "Medium"],  
["Eye injury", "Eye protection", "Goggles", "Low"],  
["Slip", "Dry surface", "Safety shoes", "Low"]  
],  
"transformer shifting": [  
["Load fall", "Certified slings", "Helmet", "High"],  
["Crush injury", "Exclusion zone", "Helmet", "High"],  
["Electrical hazard", "Isolation", "Insulated gloves", "High"],  
["Equipment damage", "Slow movement", "Safety shoes", "Medium"],  
["Communication gap", "Signalman", "Reflective jacket", "Medium"]  
],  
"generator installation": [  
["Fuel fire", "Fire extinguisher", "Fire suit", "High"],  
["Noise", "Acoustic enclosure", "Ear plugs", "Medium"],  
["Electrical shock", "Grounding", "Insulated gloves", "High"],  
["Manual strain", "Lifting aid", "Safety shoes", "Medium"],  
["Exhaust fumes", "Ventilation", "Mask", "Medium"]  
],  
"lighting installation": [  
["Fall", "Proper access", "Helmet", "High"],  
["Electric shock", "Power off", "Insulated gloves", "High"],  
["Tool drop", "Tool lanyard", "Helmet", "Medium"],  
["Eye strain", "Adequate lighting", "Goggles", "Low"],  
["Slip", "Housekeeping", "Safety shoes", "Low"]  
],  
"earthing work": [  
["Electric shock", "Isolation", "Insulated gloves", "High"],  
["Manual digging", "Tool inspection", "Gloves", "Medium"],  
["Collapse of pit", "Shoring", "Helmet", "Medium"],  
["Back strain", "Proper posture", "Safety shoes", "Low"],  
["Trip", "Barricading", "Safety shoes", "Low"]

],  
"fire alarm installation": [  
  ["Electric shock", "Power isolation", "Insulated gloves", "High"],  
  ["Fall", "Working platform", "Helmet", "Medium"],  
  ["Tool injury", "Tool safety", "Gloves", "Medium"],  
  ["Dust inhalation", "Mask use", "Mask", "Low"],  
  ["Eye injury", "Eye protection", "Goggles", "Low"]  
],  
"sprinkler installation": [  
  ["Overhead work", "Hard hat", "Helmet", "High"],  
  ["Pipe fall", "Proper support", "Helmet", "High"],  
  ["Manual strain", "Team lift", "Safety shoes", "Medium"],

- ["Vehicle collision", "Traffic plan", "Reflective jacket", "High"],
- ["Mixer drum entanglement", "Guarding", "Gloves", "High"],
- ["Slippery concrete spill", "Immediate cleaning", "Safety shoes", "Medium"],
- ["Noise exposure", "Cab insulation", "Ear plugs", "Low"],
- ["Reversing accident", "Reverse alarm", "Reflective jacket", "Medium"]]

],

- "stacker operation": [
- ["Load instability", "Correct stacking", "Helmet", "High"],
- ["Hand crush", "Safe grip", "Gloves", "Medium"],
- ["Uneven floor", "Floor leveling", "Safety shoes", "Medium"],
- ["Overloading", "Capacity marking", "Helmet", "High"],
- ["Fatigue", "Task rotation", "Safety shoes", "Low"]]

],

- "material loading": [
- ["Falling materials", "Proper stacking", "Helmet", "High"],
- ["Manual strain", "Mechanical aid", "Safety shoes", "Medium"],
- ["Vehicle movement", "Wheel chocks", "Helmet", "Medium"],
- ["Finger pinch", "Safe handling", "Gloves", "Medium"],
- ["Slip", "Clean surface", "Safety shoes", "Low"]]

],

- "material unloading": [
- ["Load shift", "Securing straps", "Helmet", "High"],
- ["Struck by load", "Exclusion zone", "Helmet", "High"],
- ["Manual handling", "Team lifting", "Safety shoes", "Medium"],
- ["Trip hazard", "Clear pathway", "Safety shoes", "Low"],
- ["Communication failure", "Hand signals", "Helmet", "Low"]]

],

- "warehouse stacking": [
- ["Stack collapse", "Height control", "Helmet", "High"],
- ["Forklift interaction", "Traffic lanes", "Reflective jacket", "High"],
- ["Manual lifting", "Use pallet jack", "Safety shoes", "Medium"],
- ["Slip", "Dry floor", "Safety shoes", "Low"],
- ["Poor lighting", "Adequate lighting", "Helmet", "Low"]]

],

- "racking installation": [
- ["Rack collapse", "Anchoring", "Helmet", "High"],
- ["Fall from height", "Platform use", "Harness", "High"],
- ["Tool drop", "Tool lanyard", "Helmet", "Medium"],
- ["Finger injury", "Proper tools", "Gloves", "Medium"],
- ["Misalignment", "Level check", "Safety shoes", "Low"]]

],

- "confined space entry": [
- ["Oxygen deficiency", "Gas testing", "Gas detector", "High"],
- ["Toxic gases", "Ventilation", "SCBA", "High"],

- ["Engulfment", "Entry permit", "Harness", "High"],
  - ["Poor visibility", "Lighting", "Helmet", "Medium"],
  - ["Rescue failure", "Standby team", "Harness", "High"]
- ],
  - "tank cleaning": [
    - ["Chemical exposure", "MSDS compliance", "Chemical suit", "High"],
    - ["Toxic fumes", "Forced ventilation", "SCBA", "High"],
    - ["Slip inside tank", "Anti-slip boots", "Safety shoes", "Medium"],
    - ["Fall during entry", "Tripod system", "Harness", "High"],
    - ["Heat stress", "Work-rest cycle", "Cooling vest", "Medium"]
  - ],
- "painting work": [
  - ["Solvent inhalation", "Ventilation", "Respirator", "Medium"],
  - ["Fire hazard", "No ignition source", "Fire extinguisher", "High"],
  - ["Fall", "Stable platform", "Helmet", "Medium"],
  - ["Skin contact", "Protective clothing", "Gloves", "Medium"],
  - ["Eye splash", "Eye protection", "Goggles", "Medium"]
- ],
- "blasting work": [
  - ["Premature blast", "Licensed blaster", "Helmet", "High"],
  - ["Flying fragments", "Safe distance", "Face shield", "High"],
  - ["Ground vibration", "Blast design", "Helmet", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "High"],
  - ["Misfire", "Re-entry delay", "Helmet", "High"]
- ],
- "cutting operation": [
  - ["Blade contact", "Machine guarding", "Cut-resistant gloves", "High"],
  - ["Flying sparks", "Spark guard", "Face shield", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "Medium"],
  - ["Fire risk", "Fire extinguisher", "Fire blanket", "High"],
  - ["Eye injury", "Eye protection", "Goggles", "Medium"]
- ],
- "grinding operation": [
  - ["Wheel burst", "RPM check", "Face shield", "High"],
  - ["Flying particles", "Guarding", "Goggles", "High"],
  - ["Hand injury", "Firm grip", "Gloves", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "Medium"],
  - ["Fire spark", "Spark containment", "Fire extinguisher", "Medium"]
- ],
- "drilling operation": [
  - ["Bit break", "Proper selection", "Goggles", "Medium"],
  - ["Entanglement", "No loose clothing", "Gloves", "High"],
  - ["Flying chips", "Chip guard", "Face shield", "Medium"],
  - ["Noise", "Hearing protection", "Ear plugs", "Low"],

```

        ["Hand fatigue","Tool rest","Safety shoes","Low"]
    ],
    "welding work": [
        ["Arc radiation","Welding helmet","Welding helmet","High"],
        ["Burn injury","Protective clothing","Welding gloves","High"],
        ["Fire hazard","Fire watch","Fire extinguisher","High"],
        ["Fume inhalation","Local exhaust","Respirator","Medium"],
        ["Electric shock","Proper earthing","Insulated gloves","High"]
    ],
    "gas cutting": [
        ["Gas leakage","Leak test","Gas detector","High"],
        ["Flashback","Flashback arrestor","Welding gloves","High"],
        ["Fire","Fire watch","Fire extinguisher","High"],
        ["Burn","Protective clothing","Apron","High"],
        ["Fume inhalation","Ventilation","Respirator","Medium"]
    ],
    "shot blasting": [
        ["Dust inhalation","Dust collector","Respirator","High"],
        ["Noise","Acoustic enclosure","Ear plugs","High"],
        ["Eye injury","Eye protection","Goggles","High"],
        ["Rebound particles","Protective suit","Blast suit","High"],
        ["Slip","Clean floor","Safety shoes","Low"]
    ]
];
};

function unlock() {
    const code = document.getElementById("accessCode").value.trim();
    const today = new Date().toISOString().split("T")[0];

    if (accessDB[code] && today <= accessDB[code]) {
        document.getElementById("lockBox").style.display = "none";
        document.getElementById("content").classList.remove("hidden");
    } else {
        alert("Invalid or expired access code");
    }
}

function search() {
    const input = document.getElementById("activityInput").value.trim().toLowerCase();
    const data = HAZARD_DB[input];

    const body = document.getElementById("resultBody");
    body.innerHTML = "";
}

```

```
if (!data) {
  body.innerHTML = "<tr><td colspan='4'>No results found. Try another activity.</td></tr>";
  return;
}

for (const row of data) {
  const tr = document.createElement("tr");
  row.forEach(cell => {
    const td = document.createElement("td");
    td.textContent = cell;
    tr.appendChild(td);
  });
  body.appendChild(tr);
}

// PWA Service Worker Register
if ("serviceWorker" in navigator) {
  navigator.serviceWorker.register("sw.js")
    .then(() => console.log("HIRA App Ready (Offline Enabled)"))
    .catch(err => console.log("SW error", err));
}

</script>
</body>
</html>
```