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<ul> <li>CFD process (simplified) <ul> <li>building geometry and material properties</li> <li>lncluding false ceiling and all obstructions in detailed level</li> <li>Ventilation <ul> <li>Correct parameters</li> <li>Modelling of water mist</li> <li>spray pattern</li> <li>droplet size distribution and velocities -&gt; PIV measurements</li> <li>RTI algorithm</li> </ul> </li> <li>Adding "measurements devices" for: <ul> <li>visibility</li> <li>smoke layer height</li> <li>temperature</li> <li>pressure</li> <li>velocity</li> <li>wall temperature</li> </ul> </li> <li>Include activation mechanics <ul> <li>activation of water mist and ventilation</li> <li>Boundary conditions</li> <li>Validation and verification</li> <li>Reporting</li> </ul> </li> </ul></li></ul>
asking - analysing - answering

























