**缩比数据接口**

## 1.上传“缩比大样数据”excle

接口地址：localhost:8080/excelUpload/uploadExcle

请求方式：POST

参数：file---excle文件，catalog= conDemo

返回示例：

{

"success": false,

"message": "没有上传文件，请选着文件上传",

"data": null

}

### 2.查询所有“试验对象模型”接口

接口地址：localhost:8080/scaleMataMng/scale/testModelObjs

请求方式：GET

参数：---JSON格式传输

返回示例：

{

"success": true,

"message": null,

"data": [

{

"ts": 1536389161000,

"pk": "04ed1468-394e-4d12-a39f-a11a25f047ec",

"name": "中尺度模型",

"shellType": "双层壳体",//壳体类型

"shapeSize": "长5.4m，直径3.2m",

"weight": "20T",

"displacement": "20T",//排水量

"other": "文字文字文字文字文字文字",

"logo": null

}

]

}

### 3.查询所有“试验情况”模型接口

接口地址：localhost:8080/scaleMataMng/scale/testConditions

请求方式：GET

请求参数：无

返回示例：

{

"success": true,

"message": null,

"data": [

{

"ts": 1536389161000,

"pk": "38297ce7-0b70-42da-8487-0c8e713fa2dd",

"name": "文字文字",

"duration": "1个月",

"testTime": "201708",

"testPlace": "杭州",

"waterDepth": "20m",

"testDepth": "20m",

"other": "文字文字文字文字文字文字",

"logo": null

}

]

}

### 4.获取所有“敷设方案”接口

接口地址：localhost:8080/scaleMataMng/scale/layingSchemes

请求方式：GET

请求参数：无

返回示例：

{

"success": true,

"message": null,

"data": [

{

"ts": 1536389161000,

"pk": "96350ce1-ee92-4a66-83b5-7ca3a8c2296b",

"name": "集成方案",

"shellSurfaceOuter": "文字文字",//外壳外表面

"shellSurfaceIner": "文字文字",//外壳内表面

"innerShell": "文字文字", //内壳

"ribs": "文字文字",

"other": "文字文字文字文字文字文字",

"logo": null

}

]

}

### 5．查询根据试验对象名称、试验情况名称、敷设方案和频率查“缩比模型基本数据”显示接口

接口地址：localhost:8080/item/pageSearchScaleCondition

请求方式：POST

参数：---JSON格式传输

{

"testModelObjName":"中尺度模型",

"layingSchemeName":"集成方案",

"testConditionName":"试验条件名称",

"rateMin":"100",

"rateMax":"300"

}

返回示例：

字段解释：

//光壳声目标强度 lightShellTS;

//光壳辐射声功率 lightShellSP;

//敷瓦声目标强度layingShellTS;

//敷瓦辐射声功率layingShellSP;

//声目标强度降低量reductionTS;

//辐射声功率插入损失reductionSP ;

{

"success": true,

"message": null,

"data": [

{

"lightShellTS": 0,

"lightShellSP": 9.71447,

"layingShellTS": 24,

"layingShellSP": 107.286,

"reductionTS": 2.97922,

"reductionSP": 117

},

{

"lightShellTS": 0,

"lightShellSP": 7.70368,

"layingShellTS": 21,

"layingShellSP": 106.296,

"reductionTS": 2.78258,

"reductionSP": 114

},

{

"lightShellTS": 0,

"lightShellSP": 10.502,

"layingShellTS": 25,

"layingShellSP": 107.498,

"reductionTS": 4.22421,

"reductionSP": 118

},

{

"lightShellTS": 0,

"lightShellSP": 9.22351,

"layingShellTS": 23,

"layingShellSP": 106.776,

"reductionTS": 4.44131,

"reductionSP": 116

},

{

"lightShellTS": 0,

"lightShellSP": 10.0789,

"layingShellTS": 24,

"layingShellSP": 106.921,

"reductionTS": 3.6876,

"reductionSP": 117

}

]

}