

WBJE API (v1.0.0)

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REST API for the Web Based Job Editor.

Cylinders

Endpoints for managing cylinders within a job. Accessible roles: service (ROLE_ADMIN) and operator (ROLE_USER).

Get a single cylinder

Returns a specific cylinder by id, scoped to the given job. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*


PATH PARAMETERS

└─ jobId	integer <int64>
└─ <i>required</i>	
└─ cylinderId	integer <int64>
└─ <i>required</i>	

Responses

> **200** Cylinder retrieved successfully.

> **404** Cylinder or job not found.

GET /jobs/{jobId}/cylinders/{cylinderId} 

Response samples

200

404

Content type

application/json

SingleCylinderExample

Copy

```
{
  "id": 10,
  "cylinderNr": 1,
  "color": "Cyan",
  "cylinderInfo": "TechSleeve",
  "jobId": 100,
  "tapeSpecId": 10
}
```

Update a cylinder

Updates the fields of an existing cylinder. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

jobId	integer <int64>
required	
cylinderId	integer <int64>
required	

REQUEST BODY SCHEMA: `application/json`

required

Cylinder request payload for updating an existing cylinder.

cylinderNr	integer <int32> <code>>= 1</code> Cylinder sequence number within the job. Must be unique per job.
color	string Cylinder color label.
cylinderInfo	string Optional cylinder-specific information.
tapeSpecId required	integer <int64> Identifier of the TapeSpec used by this cylinder.

Responses

> **200** Cylinder updated successfully.

> **400** Validation failed for the request body.

> **404** Cylinder or job not found.

> **422** Domain validation failed (invalid updates or incompatible specs)

PUT `/jobs/{jobId}/cylinders/{cylinderId}`

Request samples

Payload

Content type
`application/json`

CylinderUpdateRequestExample

Copy

```
{
  "cylinderNr": 1,
  "color": "Cyan",
  "cylinderInfo": "TechSleeve",
  "tapeSpecId": 10
}
```

Response samples

200

400

404

Content type

application/json

CylinderUpdatedExample

Copy

```
{
  "id": 10,
  "cylinderNr": 1,
  "color": "Cyan",
  "cylinderInfo": "TechSleeve",
  "jobId": 100,
  "tapeSpecId": 10
}
```

Delete a cylinder

Deletes a cylinder belonging to the specified job. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

jobId required	integer <int64>
cylinderId required	integer <int64>

Responses

— 204 Cylinder successfully deleted.

> 404 Cylinder or job not found.

DELETE /jobs/{jobId}/cylinders/{cylinderId} ✓

Response samples

404

Content type

application/json

CylinderDeleteNotFoundExample

Copy

```
{
  "timestamp": "2025-01-10T14:32:11.123",
  "status": 404,
  "error": "Not Found",
  "message": "Cylinder not found for id: 10",
  "path": "/jobs/100/cylinders/10",
  "fieldErrors": null
}
```

Get all cylinders for a job

Returns all cylinders associated with the given job. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ `jobId`
`required` integer <int64>

Responses

> **200** Cylinders retrieved successfully.

> **404** Job not found for the given id.

GET /jobs/{jobId}/cylinders

Response samples

200

404

Content type

application/json

CylinderListExample

Copy Expand all Collapse all

```
[
  - {
    "id": 10,
    "cylinderNr": 1,
    "color": "Cyan",
    "cylinderInfo": "TechSleeve",
    "jobId": 100,
    "tapeSpecId": 10
  },
]
```

```
- {
  "id": 11,
  "cylinderNr": 2,
  "color": "Cyan",
  "cylinderInfo": "TechSleeve",
  "jobId": 100,
  "tapeSpecId": 10
}
```

Create a new cylinder

Creates a new cylinder in the specified job. Cylinder numbering must remain unique per job.
Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

└─ jobId
 required integer <int64>

REQUEST BODY SCHEMA: application/json
required

Cylinder request payload for creating a new cylinder within a job.

└─ cylinderNr	integer <int32> >= 1 Cylinder sequence number within the job. Must be unique per job.
└─ color	string Cylinder color label.
└─ cylinderInfo	string Optional cylinder-specific information.
└─ tapeSpecId required	integer <int64> Identifier of the TapeSpec used by this cylinder.

Responses

> **201** Cylinder successfully created.

> **400** Validation failed for the request body.

> **404** Job not found for the given id.

> **422** Domain validation failed (e.g. duplicate cylinderNr or invalid TapeSpec relation)

POST /jobs/{jobId}/cylinders

Request samples

Payload

Content type

application/json

CylinderRequestExample

Copy

```
{
  "cylinderNr": 1,
  "color": "Cyan",
  "cylinderInfo": "TechSleeve",
  "tapeSpecId": 10
}
```

Response samples

201

400

404

Content type

application/json

CylinderCreatedExample

Copy

```
{
  "id": 10,
  "cylinderNr": 1,
  "color": "Cyan",
  "cylinderInfo": "TechSleeve",
  "jobId": 100,
  "tapeSpecId": 10
}
```

Tape Specifications

Endpoints for managing tape specifications. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

Get a tape specification by id

Returns a single tape specification. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ **id**
required integer <int64>

Responses

> **200** TapeSpec retrieved.

> **404** TapeSpec not found.

GET /tape-specs/{id}



Response samples

200

404

Content type

application/json

TapeSpecExample

Copy

```
{
  "id": 1,
  "tapeName": "Tesa",
  "thickness": 0.45,
  "description": "Tesa premium flexo mounting tape."
}
```

Update a tape specification

Updates an existing tape specification. Accessible role: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

id
required integer <int64>

REQUEST BODY SCHEMA: application/json
required

Updated TapeSpec payload.

tapeName
required string [0 .. 255] characters
Name of the tape specification.

tapeType	string <code>[0 .. 255] characters</code> Type or category of the tape.
thickness	integer <int32> <code>>= 0</code> Thickness of the tape in micrometers.
info	string <code>[0 .. 255] characters</code> Optional additional information about the tape specification.

Responses

> **200** TapeSpec updated.

> **400** Validation error.

> **404** TapeSpec not found.

> **422** Domain validation failed

PUT /tape-specs/{id}

Request samples

Payload

Content type
application/json

TapeSpecUpdateRequestExample

Copy

```
{
  "tapeName": "Tesa",
  "thickness": 0.48,
  "description": "Updated Tesa performance flexo tape."
}
```

Response samples

200

Content type

application/json

TapeSpecUpdatedExample

Copy

```
{
  "id": 1,
  "tapeName": "Tesa",
  "thickness": 0.48,
  "description": "Updated Tesa performance flexo tape."
}
```

Delete a tape specification

Deletes the TapeSpec with the given id. Accessible role: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

— id
required integer <int64>

Responses

— 204 TapeSpec deleted.

— 404 TapeSpec not found.

> 409 TapeSpec is in use by one or more Cylinders (EntityInUseException)

DELETE /tape-specs/{id}



Get all tape specifications

Returns all tape specifications. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

Responses

> 200 List of TapeSpecs retrieved.

GET /tape-specs



Response samples

200

Content type
application/json

TapeSpecListExample

Copy Expand all Collapse all

```
[
  - {
    "id": 1,
    "tapeName": "Tesa",
    "thickness": 0.45,
    "description": "Tesa premium flexo mounting tape."
  },
]
```

```
- {
  "id": 2,
  "tapeName": "3M",
  "thickness": 0.5,
  "description": "3M high-performance flexo tape."
}
```

Create a new tape specification

Creates a new tape specification. Accessible role: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json
required

Payload for creating a new TapeSpec.

tapeName required	string [0 .. 255] characters Name of the tape specification.
tapeType	string [0 .. 255] characters Type or category of the tape.
thickness	integer <int32> >= 0 Thickness of the tape in micrometers.
info	string [0 .. 255] characters Optional additional information about the tape specification.

Responses

> **201** TapeSpec successfully created.

> **400** Validation failed.

> **422** Domain validation failed (invalid TapeSpec structure)

POST /tape-specs



Request samples

Payload

Content type

application/json

TapeSpecRequestExample

Copy

```
{
  "tapeName": "3M",
  "thickness": 0.5,
  "description": "3M high-performance flexo tape."
}
```

Response samples

201

400

Content type

application/json

TapeSpecCreatedExample

Copy

```
{
  "id": 1,
  "tapeName": "Tesa",
  "thickness": 0.45,
  "description": "Tesa premium flexo mounting tape."
}
```

Reports

Endpoints for managing reports (plates) in the Web Based Job Editor. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

Get a report by id

Returns a single report (plate) for the given identifier. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ *id*
required integer <int64>

Responses

> **200** Report successfully retrieved.

> **404** Report with the given id was not found.

GET /reports/{id}

Response samples

200

404

Content type
application/json

ReportExample

Copy

```
{
  "id": 100,
  "reportNr": 1,
  "reportWidth": 400,
  "xOffset": 10,
  "yOffset": 20,
  "cylinderId": 12,
  "reportSpecId": 5
}
```

Update a report

Updates an existing report (plate) for the given identifier. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ **id**
required integer <int64>

REQUEST BODY SCHEMA: *required* application/json

→ reportNr	integer <int32> >= 1 Sequential report number within the cylinder.
→ reportWidth	integer <int32> >= 0 Width of the report in micrometers.
→ xOffset	integer <int32> Horizontal offset of the report in micrometers.
→ yOffset	integer <int32> Vertical offset of the report in micrometers.

<div> <div></div> <div>cylinderId</div> <div>required</div> </div>	<div>integer <int64></div> <div>Identifier of the parent cylinder.</div>
<div> <div></div> <div>reportSpecId</div> <div>required</div> </div>	<div>integer <int64></div> <div>Identifier of the ReportSpec used by this report.</div>

Responses

> **200** Report successfully updated.

> **400** Validation failed for the request body.

> **404** Report or ReportSpec was not found for the given id.

> **422** Domain validation failed (e.g. incompatible ReportSpec -> TapeSpec relation)

PUT /reports/{id}

Request samples

Payload

Content type

application/json

Copy

```
{
  "reportNr": 1,
  "reportWidth": 500,
  "xOffset": 10,
  "yOffset": 5,
  "cylinderId": 10,
  "reportSpecId": 3
}
```

Response samples

200

400

404

Content type

application/json

ReportUpdatedExample

Copy

```
{
  "id": 100,
  "reportNr": 1,
  "reportWidth": 420,
  "xOffset": 15,
  "yOffset": 25,
  "cylinderId": 12,
  "reportSpecId": 5
}
```

Delete a report

Deletes a report (plate) for the given identifier. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

— id
required integer <int64>

Responses

— 204 Report successfully deleted.

> 404 Report with the given id was not found.

DELETE /reports/{id}



Response samples

404

Content type

application/json

ReportDeleteNotFoundExample

Copy

```
{
  "timestamp": "2025-01-10T14:32:11.123",
  "status": 404,
  "error": "Not Found",
  "message": "Report not found for id: 999",
  "path": "/reports/999",
  "fieldErrors": null
}
```

List reports by cylinder id

Returns all reports (plates) that belong to the given cylinder. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

QUERY PARAMETERS

— cylinderId
required integer <int64>

Responses

> 200 Reports successfully retrieved.

GET /reports

Response samples

200

Content type

application/json

ReportListExample

Copy Expand all Collapse all

```
[
  - {
    "id": 100,
    "reportNr": 1,
    "reportWidth": 400,
    "xOffset": 10,
    "yOffset": 20,
    "cylinderId": 12,
    "reportSpecId": 5
  },
  - {
    "id": 101,
    "reportNr": 2,
    "reportWidth": 380,
    "xOffset": 420,
    "yOffset": 20,
    "cylinderId": 12,
    "reportSpecId": 6
  }
]
```

Create a new report

Creates a new report (plate) within a cylinder based on the supplied request payload. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json
required

reportNr	integer <int32> >= 1 Sequential report number within the cylinder.
reportWidth	integer <int32> >= 0 Width of the report in micrometers.
xOffset	integer <int32> Horizontal offset of the report in micrometers.
yOffset	integer <int32> Vertical offset of the report in micrometers.
cylinderId required	integer <int64> Identifier of the parent cylinder.
reportSpecId required	integer <int64> Identifier of the ReportSpec used by this report.

Responses

- > 201 Report successfully created.
- > 400 Validation failed for the request body.
- > 404 Cylinder or ReportSpec was not found for the given id.
- > 422 Domain validation failed (invalid ReportSpec or TapeSpec relation)

Request samples

Payload

Content type

application/json

Copy

```
{
  "reportNr": 1,
  "reportWidth": 500,
  "xOffset": 10,
  "yOffset": 5,
  "cylinderId": 10,
  "reportSpecId": 3
}
```

Response samples

201

400

404

Content type

application/json

ReportCreatedExample

Copy

```
{
  "id": 100,
  "reportNr": 1,
  "reportWidth": 400,
  "xOffset": 10,
  "yOffset": 20,
  "cylinderId": 12,
  "reportSpecId": 5
}
```

Job Templates

Endpoints for uploading, retrieving and deleting job templates. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

List job templates

Returns metadata for all stored job templates. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

Responses

> **200** Template metadata successfully retrieved.

GET /job-templates

Response samples

200

Content type
application/json

TemplateListExample

Copy Expand all Collapse all

```
[
  - {
    "id": 1,
    "originalFileName": "wbje-template.json",
    "contentType": "application/json",
    "fileSize": 4096,
    "uploadedAt": "2025-12-22T10:00:00",
    "templateName": "Default Template"
  }
]
```

Upload a job template

Receives a template file + name using multipart/form-data. Accessible roles: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: multipart/form-data
required

Multipart request containing the template JSON file and its logical name.

file	string <binary> JSON file containing the full job template.
name	string Human-readable name for this template.

Responses

> **201** Template successfully stored.

> **400** Invalid multipart request.

POST /job-templates



Request samples

Payload

Content type

multipart/form-data

TemplateUploadExample

Copy

```
{
  "file": "(binary JSON)",
  "name": "Customer X Default"
}
```

Response samples

201

400

Content type

application/json

TemplateCreatedExample

Copy

```
{
  "id": 1,
  "originalFileName": "wbje-template.json",
  "contentType": "application/json",
  "fileSize": 4096,
  "uploadedAt": "2025-12-22T10:00:00",
  "templateName": "Customer A Default"
}
```

Get a template by id

Returns metadata for a specific job template. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).


AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

 id
required integer <int64>

Responses

- > 200 Template metadata retrieved.
- > 404 Template not found.

GET /job-templates/{id} 

Response samples

200 404

Content type
application/json

TemplateListExample Copy Expand all Collapse all

```
[
  - {
    "id": 1,
    "originalFileName": "wbje-template.json",
    "contentType": "application/json",
    "fileSize": 4096,
    "uploadedAt": "2025-12-22T10:00:00",
    "templateName": "Default Template"
  }
]
```

Delete a template

Deletes both stored metadata and the template file. Accessible roles: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

— id
required integer <int64>

Responses

— 204 Template deleted.

> 404 Template not found.

DELETE /job-templates/{id}

Download template file

Downloads the JSON file belonging to the template. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ *id*
required integer <int64>

Responses

> **200** Template file returned.

> **404** Template file not found.

GET /job-templates/{id}/download

Jobs

Endpoints for managing jobs in the Web Based Job Editor. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

Get a job by id

Returns a job for the given identifier. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id
required integer <int64>

Responses

- > 200 Job successfully retrieved.
- > 404 Job not found.

GET /jobs/{id} ▼

Update a job

Updates an existing job. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id
required integer <int64>

REQUEST BODY SCHEMA: application/json
required

└ jobNumber
string [0 .. 40] characters
External job number used in planning or ERP.

<div> <div>jobDate</div> <div>required</div> </div>	<div>string <date-time></div> <div>Scheduled date and time of the job.</div>
<div> <div>jobName</div> </div>	<div>string [0 .. 255] characters</div> <div>Short descriptive name of the job.</div>
<div> <div>cylinderWidth</div> </div>	<div>integer <int32> [0 .. 168000]</div> <div>Effective cylinder width in millimetres.</div>
<div> <div>cylinderCircumference</div> </div>	<div>integer <int32> [0 .. 1250000]</div> <div>Effective cylinder circumference in micrometers.</div>
<div> <div>info</div> </div>	<div>string [0 .. 255] characters</div> <div>Optional internal note or technical information for this job.</div>
<div> <div>note ></div> </div>	<div>object (NoteRequestDTO)</div> <div>Optional note attached to the job.</div>

Responses

> **200** Job updated

> **400** Invalid request data

> **404** Job not found

> **422** Domain validation failed

PUT /jobs/{id}

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "jobNumber": "JOB-2025-001",
  "jobDate": "2025-01-15T08:30:00",
  "jobName": "Print job for customer X - 4 colors",
  "cylinderWidth": 850,
  "cylinderCircumference": 1100,
  "info": "Use stickyback type A, check register on station 3.",
  - "note": {
    "content": "Repeat run, verify plate wear on station 2."
  }
}
```

Delete a job

Deletes a job. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ id
required integer <int64>

Responses

— 204 Job deleted.

> 404 Job not found

DELETE /jobs/{id}



Get all jobs

Returns all jobs. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

Responses

> **200** List successfully retrieved.

GET /jobs

Create a new job

Creates a new job. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json
required

jobNumber	string [0 .. 40] characters External job number used in planning or ERP.
jobDate required	string <date-time> Scheduled date and time of the job.
jobName	string [0 .. 255] characters Short descriptive name of the job.

└─ cylinderWidth	integer <int32> [0 .. 168000] Effective cylinder width in millimetres.
└─ cylinderCircumference	integer <int32> [0 .. 1250000] Effective cylinder circumference in micrometers.
└─ info	string [0 .. 255] characters Optional internal note or technical information for this job.
└─ note >	object (NoteRequestDTO) Optional note attached to the job.

Responses

> **201** Job successfully created.

> **400** Validation failed.

> **422** Domain validation failed (inconsistent job structure)

POST /jobs

Request samples

Payload

Content type
application/json

Copy Expand all Collapse all

```
{
  "jobNumber": "JOB-2025-001",
  "jobDate": "2025-01-15T08:30:00",
  "jobName": "Print job for customer X - 4 colors",
  "cylinderWidth": 850,
  "cylinderCircumference": 1100,
  "info": "Use stickyback type A, check register on station 3.",
}
```

```
- "note": {  
  "content": "Repeat run, verify plate wear on station 2."  
}
```

Response samples

201

Content type

application/json

JobCreatedExample

Copy

```
{  
  "id": 42,  
  "jobNr": "JOB-2025-001",  
  "jobName": "Sleeve alignment test job",  
  "jobDate": "2025-01-10",  
  "repeatLength": 635  
}
```

ReportSpecs

Endpoints for managing report specifications. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

Get a report specification by id

Returns a single report specification. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ `id` required `integer <int64>`

Responses

> **200** ReportSpec successfully retrieved.

> **400** Invalid request data

> **404** ReportSpec with the given id was not found.

> **422** Domain validation failed (invalid fields or incompatible specifications)

GET /report-specs/{id} ▼

Response samples

200

404

Content type
application/json

Copy

```
{
  "id": 7,
  "reportName": "Flexo Plate Type A",
  "reportType": "Photopolymer",
  "thickness": 170,
  "info": "Optimized for high-speed printing."
}
```

Update a report specification

Updates an existing report specification. Accessible role: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

id integer <int64>
required

REQUEST BODY SCHEMA: application/json
required

Payload to update an existing report specification.

reportName string [0 .. 255] characters
required
Name of the report specification.

reportType string [0 .. 255] characters
Type or category of the report specification.

thickness integer <int32> >= 0
Thickness of the report in micrometers.

info string [0 .. 255] characters
Optional additional information about the report specification.

Responses

> 200 ReportSpec successfully updated.

> 400 Validation failed.

> 404 ReportSpec not found.

PUT /report-specs/{id}

Request samples

Payload

Content type

application/json

Copy

```
{
  "reportName": "Flexo Plate Type A",
  "reportType": "Photopolymer",
  "thickness": 170,
  "info": "Optimized for high-speed printing."
}
```

Response samples

200

Content type

application/json

Copy

```
{
  "id": 7,
  "reportName": "Flexo Plate Type A",
  "reportType": "Photopolymer",
  "thickness": 170,
  "info": "Optimized for high-speed printing."
}
```

Delete a report specification

Deletes a report specification. Accessible role: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

PATH PARAMETERS

→ *id*
required integer <int64>

Responses

— **204** ReportSpec successfully deleted.

— **404** ReportSpec not found.

> **409** ReportSpec is in use by one or more Reports (EntityInUseException)

DELETE /report-specs/{id}

List all report specifications

Retrieves all report specifications. Accessible roles: service (ROLE_ADMIN), operator (ROLE_USER).

AUTHORIZATIONS: > *keycloak*

Responses

> **200** ReportSpecs successfully retrieved.

GET /report-specs

Response samples

200

Content type

application/json

Copy

```
{
  "id": 7,
  "reportName": "Flexo Plate Type A",
  "reportType": "Photopolymer",
  "thickness": 170,
  "info": "Optimized for high-speed printing."
}
```

Create a new report specification

Creates a new report specification. Accessible role: service (ROLE_ADMIN).

AUTHORIZATIONS: > *keycloak*

REQUEST BODY SCHEMA: application/json

required

ReportSpec payload used to create a new specification.

reportName required	string [0 .. 255] characters Name of the report specification.
reportType	string [0 .. 255] characters Type or category of the report specification.
thickness	integer <int32> >= 0 Thickness of the report in micrometers.
info	string [0 .. 255] characters Optional additional information about the report specification.

Responses

> **201** ReportSpec successfully created.

> **400** Validation failed for the request body.

> **422** Domain validation failed (invalid ReportSpec structure or rules)

POST /report-specs

Request samples

Payload

Content type

application/json

Copy

```
{
  "reportName": "Flexo Plate Type A",
  "reportType": "Photopolymer",
  "thickness": 170,
  "info": "Optimized for high-speed printing."
}
```

Response samples

201

400

Content type

application/json

Created ReportSpec

Copy

```
{
  "id": 5,
  "reportName": "Plate A",
  "reportType": "Photopolymer",
  "thickness": 67,
  "info": "Default plate spec"
}
```

```
}
```

security-controller

roles

AUTHORIZATIONS: > *keycloak*

Responses

> 200 OK

GET /roles



publiek

AUTHORIZATIONS: > *keycloak*

Responses

> 200 OK

GET /public



geheim

AUTHORIZATIONS: > *keycloak*

Responses

> 200 OK

GET /private



hallo

AUTHORIZATIONS: > *keycloak*

Responses

> 200 OK

GET /hello



debugAuth

AUTHORIZATIONS: > *keycloak*

Responses

> 200 OK

GET /debug-auth



admin

AUTHORIZATIONS: > *keycloak*

Responses

> 200 OK

GET /admin

