

7A QUALITY ASSURANCE AND SURVEILLANCE PLAN

TULARE COUNTY CARBON STORAGE PROJECT (TCCSP)

Facility Information

Facility (site) Name: Tulare County Carbon Storage Project (TCCSP)

Facility Operator: TCCSP, LLC.

Facility Contact:



Project Location:



Injection Well Name and Coordinates:

Well Name	Latitude	Longitude
[REDACTED]	[REDACTED]	[REDACTED]
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List of Acronyms/Abbreviations

2D	Two Dimensional
3D	Three Dimensional
ANSI	American National Standards Institute
AoR	Area of Review
ASME	American Society of Mechanical Engineers
ASTM	American Society for Testing Materials
AZ	Above-Zone
CBL	Cement Bond Log
CCS	Carbon, Capture, Storage
CI	Casing Inspection
CO ₂	Carbon Dioxide
DAS	Distributed Acoustic Sensing
DOE	Department of Energy
DTS	Distributing Temperature Sensing
DZMW	Dual Zone Monitoring Well
ERRP	Emergency and Remedial Response Plan
EOR	Enhanced Oil Recovery
EPA	Environmental Protection Agency
Ft	Feet
gm	Gram
GS	Geologic Sequestration
GW	Groundwater
in	Inch
IW	Injection Well
IZ	In-Zone
MD	Measured Depth
MIT	Mechanical Integrity Test
MMtpa	Million Metric Tons Per Annum
mt/d	Metric Tons Per Day
NACE	National Association of Corrosion Engineers
P/T	Pressure/Temperature
PISC	Post-Injection Site Care and Site Closure
PNC	Pulsed Neutron Capture
PSI	Pounds Per Square Inch
QASP	Quality Assurance and Surveillance Plan
SG	Shallow Groundwater
TD	Total Depth
TDS	Total Dissolved Solids
UIC	Underground Injection Control
USDW	Underground Source of Drinking Water
VSP	Vertical Seismic Profile

7A.1 Project Management

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Well ID	Well Name	Well Type	Well Status	Well Depth	Well Location
TCCSP_INJ-1	TCCSP_INJ-1-1	Injection Well	Active	1000 ft	Well 1
	TCCSP_INJ-1-2	Injection Well	Active	1000 ft	Well 2
TCCSP_INJ-2	TCCSP_INJ-2-1	Injection Well	Active	1000 ft	Well 3
	TCCSP_INJ-2-2	Injection Well	Active	1000 ft	Well 4
TCCSP_INJ-3	TCCSP_INJ-3-1	Injection Well	Active	1000 ft	Well 5
	TCCSP_INJ-3-2	Injection Well	Active	1000 ft	Well 6
TCCSP_INJ-4	TCCSP_INJ-4-1	Injection Well	Active	1000 ft	Well 7
	TCCSP_INJ-4-2	Injection Well	Active	1000 ft	Well 8
TCCSP_INJ-5	TCCSP_INJ-5-1	Injection Well	Active	1000 ft	Well 9
	TCCSP_INJ-5-2	Injection Well	Active	1000 ft	Well 10
TCCSP_INJ-6	TCCSP_INJ-6-1	Injection Well	Active	1000 ft	Well 11
	TCCSP_INJ-6-2	Injection Well	Active	1000 ft	Well 12
TCCSP_INJ-7	TCCSP_INJ-7-1	Injection Well	Active	1000 ft	Well 13
	TCCSP_INJ-7-2	Injection Well	Active	1000 ft	Well 14
TCCSP_INJ-8	TCCSP_INJ-8-1	Injection Well	Active	1000 ft	Well 15
	TCCSP_INJ-8-2	Injection Well	Active	1000 ft	Well 16
TCCSP_INJ-9	TCCSP_INJ-9-1	Injection Well	Active	1000 ft	Well 17
	TCCSP_INJ-9-2	Injection Well	Active	1000 ft	Well 18
TCCSP_INJ-10	TCCSP_INJ-10-1	Injection Well	Active	1000 ft	Well 19
	TCCSP_INJ-10-2	Injection Well	Active	1000 ft	Well 20

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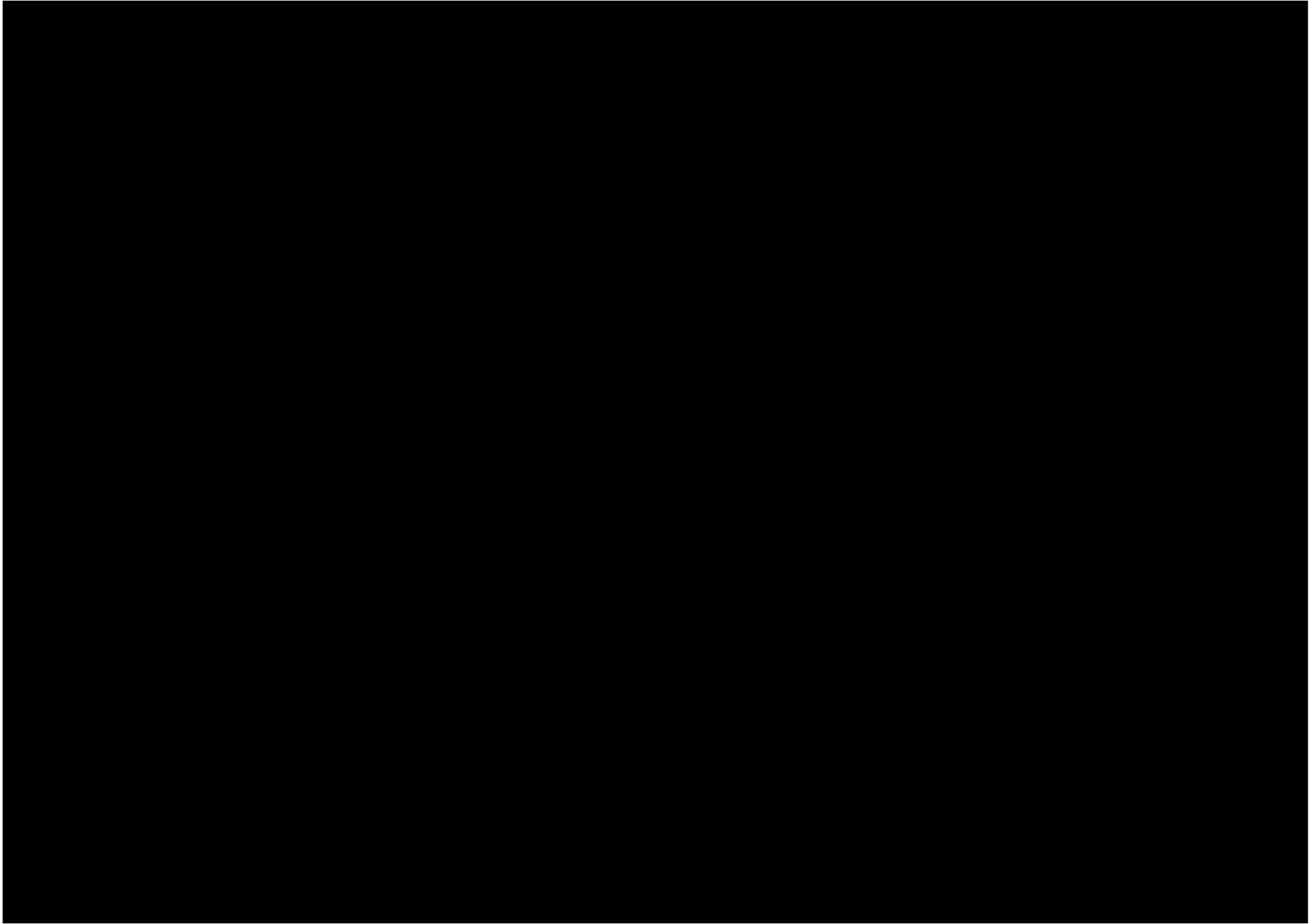
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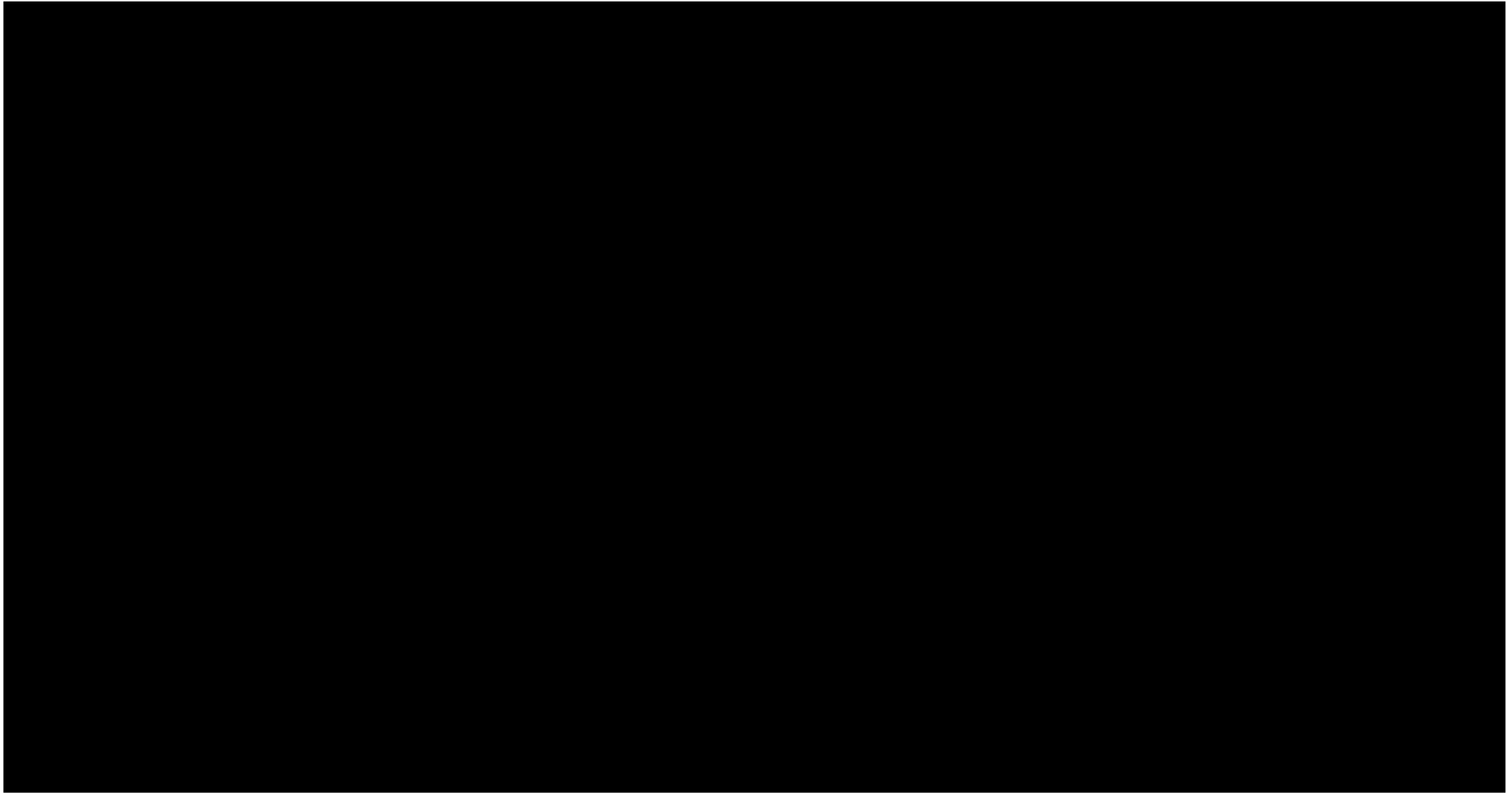
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pressure front across TCCSP and update the pressure response in reservoir models. Above the

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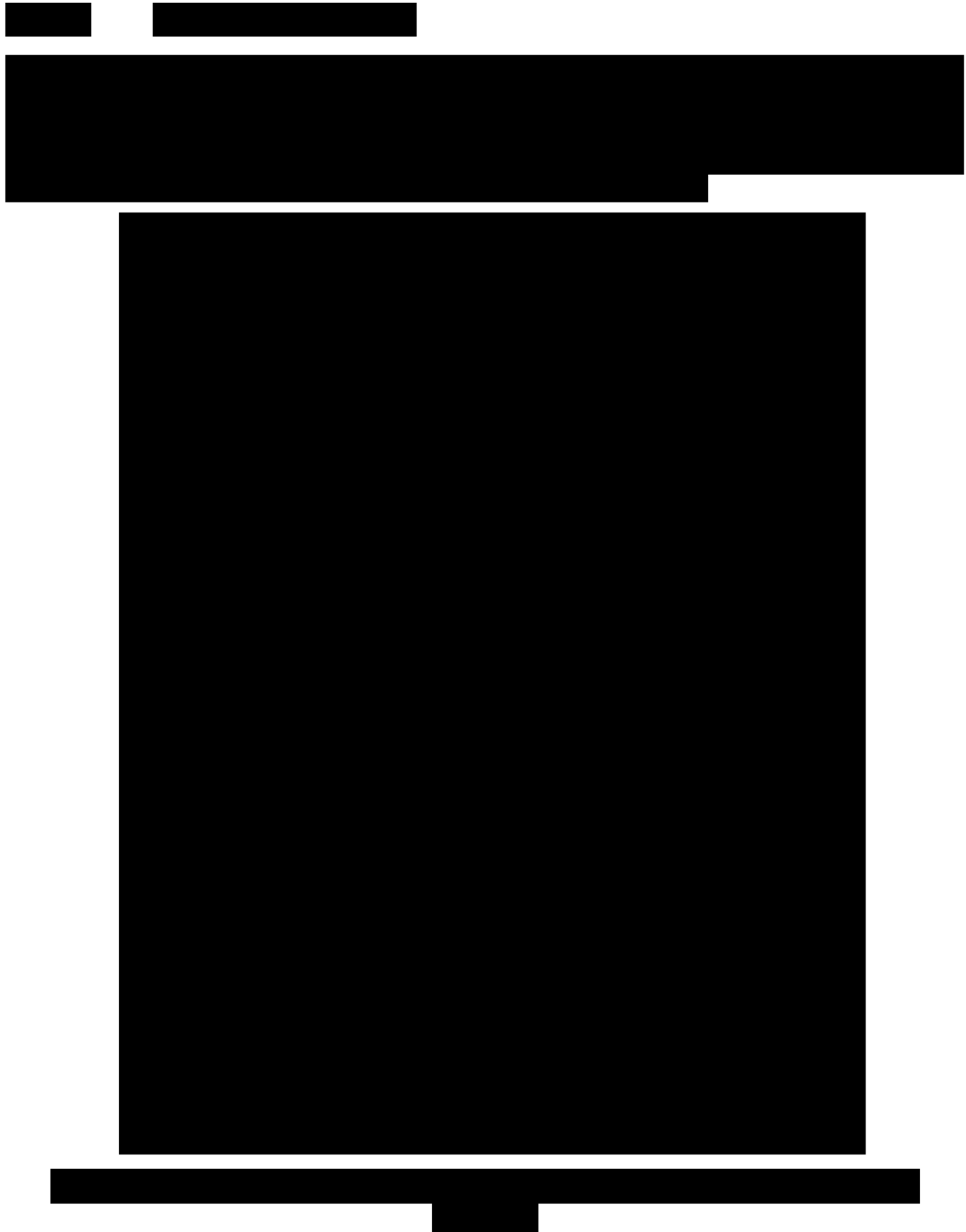
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Category	Item	Value	Unit	
Agriculture	Wheat	1200	kg	
	Rice	800	kg	
	Corn	500	kg	
	Soybeans	300	kg	
	Cotton	200	kg	
	Vegetables	100	kg	
	Fruits	50	kg	
	Flowers	20	kg	
	Herbs	10	kg	
	Others	5	kg	
Livestock	Cattle	150	kg	
	Pigs	100	kg	
	Sheep	80	kg	
	Goats	60	kg	
	Poultry	40	kg	
	Bees	20	kg	
	Fish	10	kg	
	Snails	5	kg	
	Others	2	kg	
	Forestry	Timber	300	kg
Resin		150	kg	
Medicinal herbs		100	kg	
Flowers		50	kg	
Others		20	kg	
Manufacturing		Textiles	200	kg
		Food processing	150	kg
		Chemicals	100	kg
		Metals	80	kg
		Plastics	60	kg
	Others	30	kg	
	Services	Transportation	100	kg
		Healthcare	80	kg
		Education	60	kg
		Retail	40	kg
Others		20	kg	

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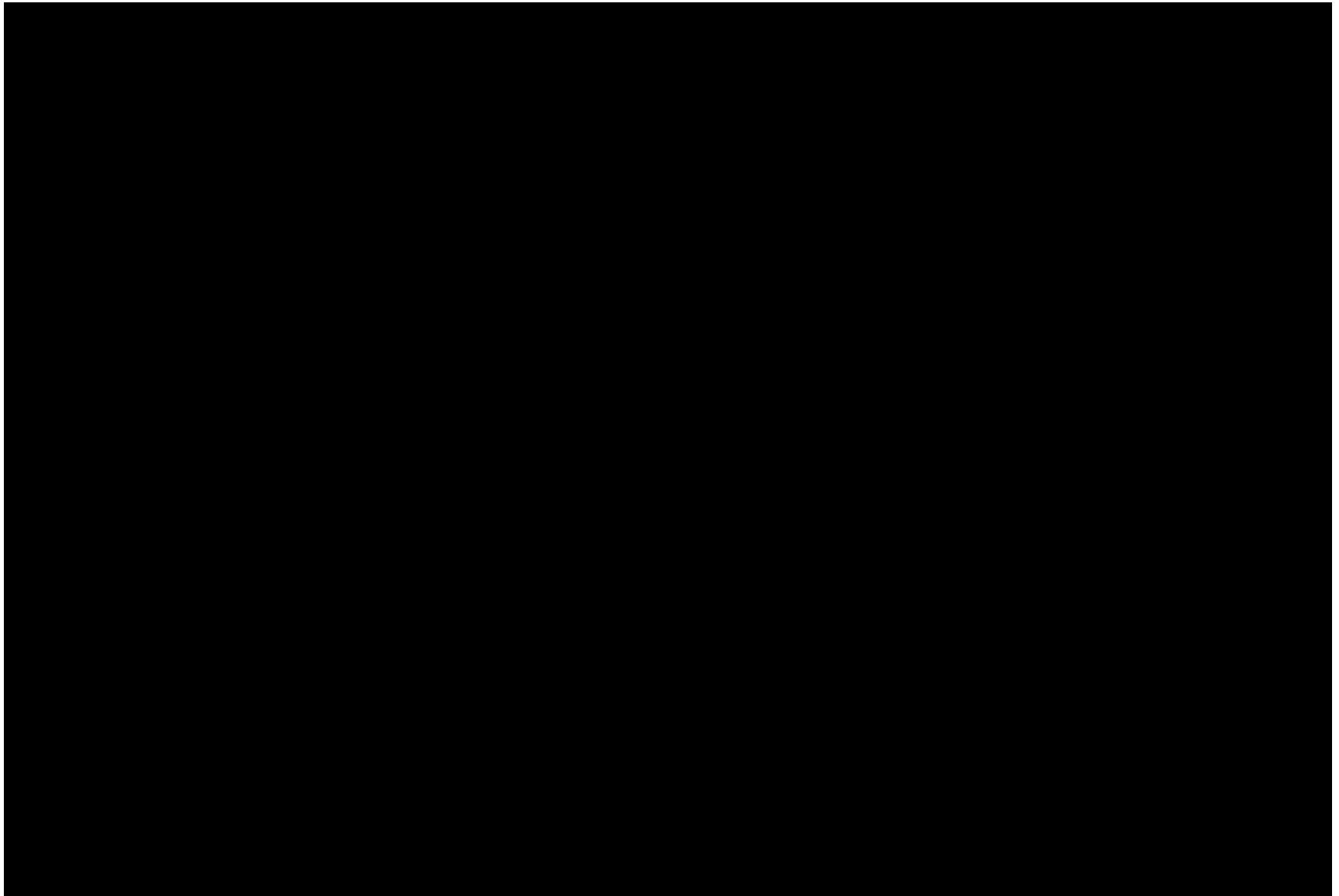
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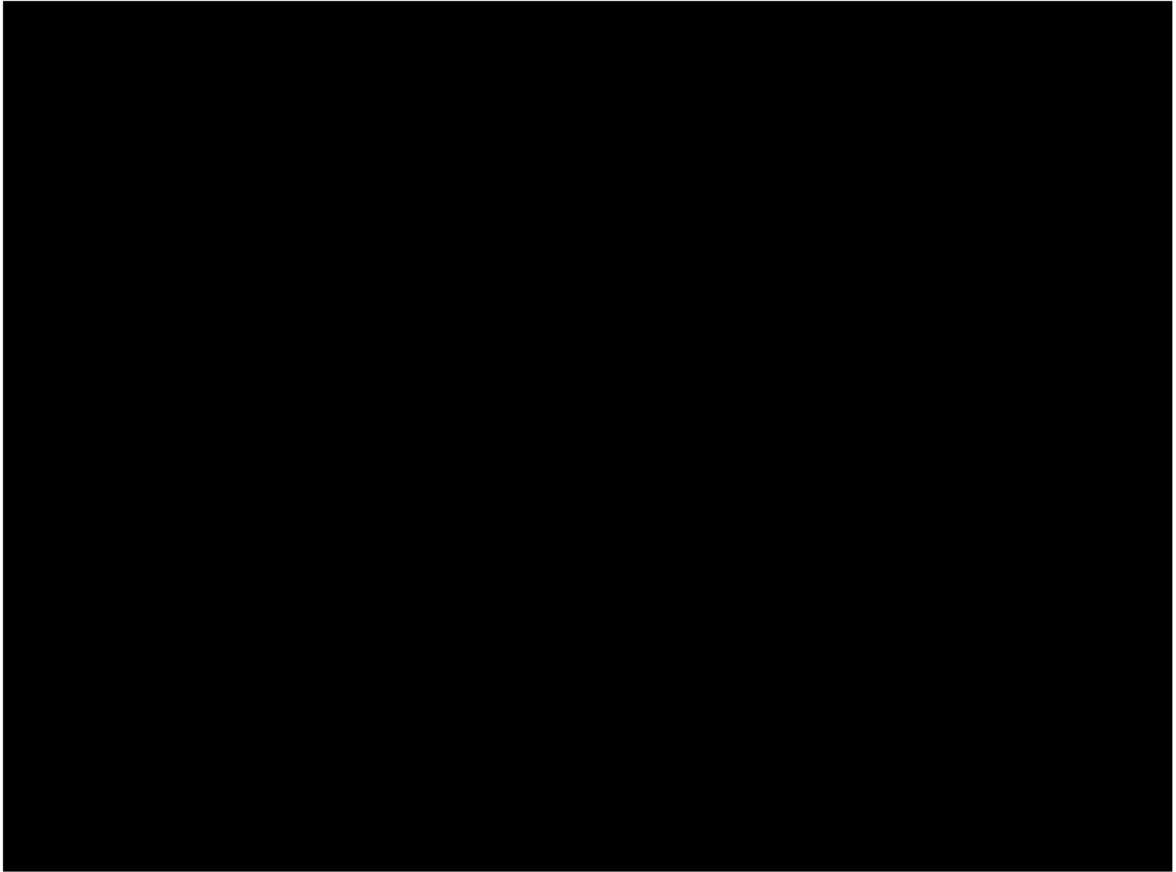
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TCCSP will follow the international standard for developing an automated interface between

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7A.4 Data Validation and Usability

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